

ADOT LOCAL GOVERNMENT SECTION/TRANSPORTATION ENHANCEMENT AND SCENIC ROADS SECTION
CHECKLIST COMPLETION GUIDELINES (CE)

1-1 Project No. _____
TRACS No. _____
Project Name _____

Arizona Department of Transportation
Local Government Section/Transportation Enhancement and Scenic Roads Section
Categorical Exclusion

Project Number: TRACS Number: Project Name: Count(ies): Route: Limits: to Estimated project cost: \$	Federal projects: Categorical Exclusion Group: Programmatic: <input type="checkbox"/> Nonprogrammatic: <input type="checkbox"/> STIP Item Number: Date: ADOT NEPA Planner:
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Clearance

Submitted By: _____ Date: _____

Reviewed By: _____ Date: _____

Approved By: _____ Date: _____
Thor Anderson
Manager

TA: _____

Enclosed Attachments

- ☐ State Historic Preservation Office (SHPO) letter(s) of concurrence
- ☐ Coordination letter(s)
- ☐ Tribal consultation letter(s)
- ☐ Arizona Game and Fish Department (AGFD) correspondence
- ☐ Clean Water Act Section 404 Nationwide Permit Number
 - ☐ General Conditions
 - ☐ Special Conditions
 - ☐ Regional Conditions
- ☐ Checklist for Environmental Compliance
- ☐ Environmental Protection on Arizona Department of Transportation (ADOT) Projects: Instruction to Contractors
- ☐ Clean Water Act Section 404 Individual Permit
 - ☐ Special Conditions
 - ☐ Section 401 Water Quality Certification Conditions
- ☐ Desert Tortoise Handling Guidelines
- ☐ State, local, and project maps
- ☐ Other

Page 1. Cover Sheet

This page will always be included in the submittal.

1-1. Header

Add the project information to the header of the document. Confirm project information with ADOT NEPA Planner. Align last letter of the longest word in the project information with the right margin of document. Adjust the left tabs so that the first letters of "Project No.," "TRACS No.," and "Project Name" align. Ensure that headers retain the desired formatting adjustments after any section breaks.

1-2. Tracking Information

Confirm the Project Number, TRACS Number, Project Name, and STIP Item Number/Date (MM/DD/YYYY) with ADOT staff (602.712.7767) and insert the information after the colons. Verify county, route (US or SR number or street name), and limits (to tenth of a milepost if applicable) and insert the information after the colon. Contact the ADOT Project Manager to confirm the estimated project cost and include the information after the colon.

Refer to 23 CFR 771.117(c) and (d) to determine if the project is a Group 1 or Group 2 CE, and include that number in the top-right box, where prompted. Consult the Arizona Programmatic Categorical Exclusion Approval¹ to determine if the project is Programmatic or Nonprogrammatic and check the applicable box. For nonprogrammatic projects, delete the "Approved By" line on this page, and use the signature page and transmittal letter to FHWA (refer to examples provided at the back of these guidelines). Type in the ADOT NEPA Planner's full name, where prompted.

1-3. Clearance

Under the "Submitted By" signature line, type the name of the Proponent reviewer; on the next line type in the title of the Proponent reviewer, and on the following line type in the name of the Proponent (e.g., Town of Paradise Valley). The Proponent reviewer will need to sign and date (MM/DD/YYYY) the "Submitted By" signature line, in blue ink, for each submittal. The Proponent reviewer must have the authority to ensure that the Proponent complies with the mitigation measures.

Under the "Reviewed By" signature line, type in the name of the ADOT NEPA Planner; on the line following, type the title of the ADOT NEPA Planner, and on the following line, type the name of the ADOT Section (e.g., "ADOT Local Government Section").

¹ Available at

http://www.azdot.gov/EEG_common/documents/files/planning/ProgrammaticCE.PDF

Page 1. Cover Sheet (continued)

Under the “Approved By” signature lines, include the final ADOT Reviewer’s initials (in lower case letters) to the right of the colon (e.g., TA:air). Contact the ADOT NEPA Planner to determine who will perform the final ADOT review.

1-4. Enclosed Attachments

Check each box for which there is an applicable attachment, and delete those items not relevant to the project. Attachments should be included at the end of the document with the exception of the state, local, and other applicable project maps, which should immediately follow page 2. When checking the “Other” box, include text to the right of the box describing what has been attached.

Page 2. Acronyms and Abbreviations

This page will always be included in the submittal and modified based on project specifics.

2-1. Acronym and Abbreviation Page

This list provides acronyms and abbreviations found in a typical CE. Add to this list all acronyms and abbreviations used in the document. List acronyms and abbreviations in alphabetical order. Once listed here, acronyms and abbreviations should not be spelled out in the document.

Project No. _____
TRACS No. _____
Project Name _____

ACRONYMS AND ABBREVIATIONS

AASHTO	American Association of State Highway and Transportation Officials	Reclamation	Bureau of Reclamation
ADEQ	Arizona Department of Environmental Quality	SHPO	State Historic Preservation Office
ADOT	Arizona Department of Transportation	SR	State Route
AGFD	Arizona Game and Fish Department	STIP	State Transportation Improvement Plan
APE	Area of Potential Effect	SWMP	Storm Water Management Plan
ARHP	Arizona Register of Historic Places	TCM	Transportation Control Measures
ASLD	Arizona State Land Department	THPO	Tribal Historic Preservation Office
AZ	Arizona	TI	Traffic Interchange
AZPDES	Arizona Pollutant Discharge Elimination System	US	United States
BDS	Biological Data Sheet	USC	United States Code
BE	Biological Evaluation	USCG	US Coast Guard
BG	Block Group	USDA	US Department of Agriculture
BLM	Bureau of Land Management	USFWS	US Fish and Wildlife Service
BR	Biological Review	UST	Underground Storage Tank
CBC	concrete box culvert	Waters	Waters of the United States
CE	Categorical Exclusion		
CFR	Code of Federal Regulations		
CMAQ	Congestion Mitigation and Air Quality		
CMP	corrugated metal pipe		
CO	carbon monoxide		
Corps	US Army Corps of Engineers		
CT	Census Tract		
dB	Decibel		
EA	Environmental Assessment		
EEG	Environmental & Enhancement Group		
EJ	Environmental Justice		
EPA	Environmental Protection Agency		
FEMA	Federal Emergency Management Agency		
FHWA	Federal Highway Administration		
FIRM	Flood Insurance Rate Map		
FY	Fiscal Year		
LUST	Leaking Underground Storage Tank		
MOU	Memorandum of Understanding		
MP	milepost		
MS4	Municipal Separate Storm Sewer Systems		
MUTCD	Manual of Uniform Traffic Control Devices		
NAAQS	National Ambient Air Quality Standard		
NAP	Noise Abatement Policy		
NEPA	National Environmental Policy Act		
NESHAP	National Emissions Standards for Hazardous Air Pollutants		
NOx	nitrogen oxides		
NPDES	National Pollutant Discharge Elimination System		
NRCS	Natural Resources Conservation Service		
NRHP	National Register of Historic Places		
NRMS	Natural Resources Management Section		
NWP	Nationwide Permit		
PCN	Preconstruction Notification		
PISA	Pre-Initial Site Assessment		
PM ₁₀	particulate matter greater than 10 microns		
RAW	right-of-way		
RCRA	Resource Conservation and Recovery Act		

Page 3. Project Description

This page will always be included in the submittal. In completing the table on this page, insert an “x” in the second column if the item is present and in the third column if the item is not present. Discuss the location in the fourth column. The level of detail for the location information can range from “intermittent” or “throughout project area” to identification of specific street names or mileposts, dependent on the involvement of the particular item in the project scope of work. For instance, if culverts are present but will not be impacted, describe the location as “intermittent” and include a statement of no impact in the “Description” column. If a culvert will be extended, indicate the milepost of the culvert location.

Additional comments that may clarify information should be placed in the “Description” column, as applicable. Text in the table should be in bullet format—complete sentences are not required.

3-1. General Items

For each item listed in the “Item” column, insert an “x” in the second column if present—or in the third column if not present; discuss the location, and include a description (when applicable). The description could include information such as lane width, number and length of turn lanes, type of landscaping present (e.g., native plants; ornamental plants), type of culverts (e.g., concrete box culvert), etc.

3-2. Center Medians

If center medians are present within the project limits, indicate such by placing an “x” in the second column in the shaded row. In the subsequent rows under the “Center Median” heading, indicate if features are present, include location information, and add descriptions—such as width, length, and materials (e.g., concrete; brick pavers).

3-3. Traffic Controls

If traffic controls are present within the project limits, indicate such by placing an “x” in the second column in the shaded row. In the subsequent rows under the “Traffic Control” heading, indicate if features are present, include location information, and add descriptions—such as “four-way stop intersection.”

3-4. Bikeways

If bikeways are present within the project limits, indicate such by placing an “x” in the second column in the shaded row. In the subsequent rows under the “Bikeways” heading, indicate if features are present, include location information, and add descriptions—such as width and material (e.g., concrete; asphalt; dirt).

Project No. _____
 TRACS No. _____
 Project Name _____

Project Description

1. Existing Conditions

Item	Present	Not Present	Location	Description
Through lanes				Number: ; width:
Right-turn lane(s)				
Left-turn lane(s)				
Shoulders				Paved <input type="checkbox"/> ; width:
Right(s)-of-way/Easement(s)				Width:
Landscaping				
Guardrail				
Culvert(s)				Number: ; size:
Noise wall(s)				
Crosswalk(s)				
Cattle guard(s)				
Frontage road(s)				
Curb and gutter				
Lighting				
Center medians				
Raised				
Paved				
Painted				
Landscaped				
Other				
Traffic controls				
Signal(s)				
Stop signs				
Flashing light(s)				
Bikeways				
Independent pathway for bikes				
Bike lanes striped on roadway pavement				
Bike lanes on canal bank				
Other pathway				
Sidewalks				
Adjacent to street/highway				Width:
Set back from street/highway feet				Width: Setback:
Other sidewalk				Width:
Fencing				<input type="checkbox"/> R/W <input type="checkbox"/> Other
Game fence				
Standard barbed wire fence				
Chain link fence				
Other fencing				

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Page 3. Project Description (continued)

3-5. Sidewalks

If sidewalks are present within the project limits, indicate such by placing an “x” in the second column in the shaded row. In the subsequent rows under the “Sidewalks” heading, indicate if the sidewalks are adjacent to the street/highway or are set back from the street/highway. Include location information, and add descriptions—such as width, amount of setback (in feet) and/or Americans with Disabilities Act-compliance.

3-6. Fencing

If fencing is present within the project limits, place an “x” in the second column in the shaded row; in the Description column, indicate if the fencing is for right-of-way or is another type of fencing. In the subsequent rows under the “Fencing” heading, indicate which type of fencing is present. Include location information, and add descriptions—such as width, height, and condition.

Page 4. Project Description (continued)

4-1. Bridges

If bridges are present within the project limits, place an “x” in the second column in the shaded row. In subsequent rows under the “Bridges” heading, indicate which type(s) of bridges are present. Include location information (in milepost[s]), and include descriptions as prompted.

4-1

Item	Present	Not Present	Location	Description
Chain link fence				
Other fencing				
Bridges				
Over watercourse				Structure No.: Name of watercourse:
Over highway/street/road				Number of spans: Name of street/road: Highway route number:
Over railroad				Number of spans: Name of railroad:
Over canal				Number of spans: Name of canal:
Over other				Number of spans: Name:

4-2

2. Need

4-3

3. Purpose

4-4

4. Scope of Work

4-5

5. Land Ownership and Land Use

a) Existing R/W

Location

Owner/ Manager

Land Use

b) Adjacent land

Location

Owner/ Manager

Land Use

4-6

6. Right-of-Way/Easements

☐ No new R/W or easement is required for construction of this project.

☐ New R/W or easement is required for construction of this project.

☐ of new R/W from for

☐ of new easement from for

☐ of temporary easement from for

4-7

7. Funding

This project will be using with an estimated cost of

4-8

8. Administration

This project will be bid and administered by

4-2. Need

Include a brief discussion summarizing the need for the project (i.e., what the problem is). For example, for a typical multi-use path project, the need might be “Community connectivity is disrupted because pedestrians must use a non-continuous, non-ADA-accessible sidewalk that is interrupted by overgrown vegetation, and utility boxes and poles, making travel on the path difficult.”

4-3. Purpose

Include a brief discussion summarizing the purpose of the project (i.e., what the Proponent plans to accomplish). Explain how implementation of the project will address the project need. For example, for a typical multi-use path project the purpose would be “The purpose of this project is to improve the overall community connectivity. This project will provide a convenient and continuous ADA-accessible sidewalk for pedestrians—furthering the goals of the *Paradise Valley General Plan* to provide an interconnecting network of pedestrian sidewalks that will improve access to neighborhoods, local and regional parks, and recreational systems.”

4-4. Scope of Work

Include a complete description (in bullet format) of the project components. Identify detours in this section, if applicable. Use common language and/or define technical terms for the general public.

4-5. Land Ownership and Land Use

a. Existing R/W²

Identify the land ownership (e.g., ADOT) and land use (e.g., transportation) of the land within the existing right-of-way and/or easement. Also indicate under “Owner/ Manager” if the land is owned by the Proponent or on an easement across a land-managing agency’s land. Use a separate line for each land-managing agency, including a description (in mileposts or intersections) for each segment.

²Land use includes “residential”, “commercial”, “industrial”, etc. “Vacant” is not a land use. Do not list zoning designations.

Page 4. Project Description (continued)

If the land is privately owned, do not list individual names, but state instead that the land is “privately owned.”

b. Adjacent Land

Identify adjacent land ownership and use. See guidance under *4-5.a Existing R/W*.

4-6. Right-of-Way/Easements

Confirm with the project manager and project designer (as applicable) if new right-of-way or temporary/permanent easements are required for the project. If no right-of-way or easements are required, check the first box.

If new right-of-way or easements are required, or if the project extends outside of the Proponent right-of-way onto another public transportation easement (e.g., ADOT right-of-way), check the second box. Then check each applicable box, and include the amount of new right-of-way/easement (in acres or units of linear feed for areas less than 0.5 acre); the type of easement (e.g., drainage); the identity of the owner/land manager of each parcel of land that is being acquired/used for the project; and the reason why the right-of-way/easement is needed.

If the project requires new right-of-way, FHWA will determine if the amount of new right-of-way is “minor” and, therefore, if the project is processed as a programmatic or non-programmatic CE.

4-7. Funding

In the first form field, identify if the project will be designed and constructed or only constructed using federal funds. In the second form field, identify the type of federal funding being used. In the third form field, provide the estimated cost. For example: “This project will be designed and constructed using Congestion Mitigation and Air Quality funds with an estimated cost of \$350,000.”

4-8. Administration

Determine if the project will be bid and administered by the Proponent or by ADOT.

Page 5. State Map

5-1. State Map

Insert a map of Arizona, designating the location of the project and all major cities and highways. The map must include a north arrow and be discernibly reproducible on a black and white copier.

Project No. _____
TRACS No. _____
Project Name _____

INSERT STATE MAP HERE

5-1

Page 6. Project Vicinity Map

6-1. Project Vicinity Map

Insert a map showing the location of the project. The project limits must be clearly marked. Include all business names, streets and features specifically called out in the document. The map must include a north arrow and be discernibly reproducible on a black and white copier

Project No. _____
TRACS No. _____
Project Name _____

6-1

INSERT PROJECT VICINITY MAP HERE

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Page 7. Environmental Impact Summary

This next section of the checklist is a summary of the environmental resources/issues present in the project's area of potential effect, and will always be included in the submittal. For each of the listed items, determine if the item is present or not present, and check the applicable box. Guidance in determining the presence of a specific resource is provided in the applicable *Analysis Sheet*. **For each item that is present, a corresponding *Analysis Sheet* shall be attached.** In general, provide information in the "Comment" column in bullet format—complete sentences are not needed—and provide clarification or reference to the *Analysis Sheet*. Contact the ADOT NEPA Planner for projects on tribal lands to discuss the environmental process. If additional information is required in the *Environmental Impact Summary Sheet*, contact the ADOT NEPA Planner for guidance.

7-1. Land Management Authority

Identify each land-managing agency within the project's footprint—including those agencies with management responsibilities for new right-of-way/easements. Verify this information with the project manager and/or right-of-way specialist, as applicable. Information on land management/ownership can also be obtained through the ASLD.³ For each land management agency type marked as present include the agency title (including field office; ranger district; etc.) in the Comment column.

7-2. Sensitive Biological Resources

A qualified biologist will determine if a BR or BE is required for the project⁴. Refer to the ADOT-approved BR or BE for this project. If it has been determined by a qualified biologist that sensitive biological resources are not present in the project area check the "Not Present" box, and in the Comment column, check the document type, and enter the date of ADOT approval. For Items 1–4, identify if concerns are present, and check the applicable box. In the Comment column, include pertinent information (Items 1 and 4); the date that the federal agency (Item 2) and/or the tribe (Item 3) approved the biological document; and reference the *Sensitive Biological Resources Analysis Sheet*.

For native plants (Item 5), check the applicable box, and indicate the date of the native plant survey in the Comment column. For Other Wildlife and Habitat Concerns, indicate the agency that commented and the date of comment in the Comment column.

If a "Present" box is checked under the "Sensitive Biological Resources" heading, refer to the *Sensitive Biological Resources Analysis Sheet*.

³ <http://www.land.state.az.us/maps.htm>

⁴ http://www.azdot.gov/EEG_common/documents/files/biology/bio_procedures_8_12_04.doc

Project No. _____
 TRACS No. _____
 Project Name _____

Environmental Impact Summary			
Land Management Agency			
	Present	Not Present	Comment
7-1 Local	<input type="checkbox"/>	<input type="checkbox"/>	Agency(ies):
Federal	<input type="checkbox"/>	<input type="checkbox"/>	Agency(ies):
State	<input type="checkbox"/>	<input type="checkbox"/>	Agency(ies):
County	<input type="checkbox"/>	<input type="checkbox"/>	Agency(ies):
Tribal	<input type="checkbox"/>	<input type="checkbox"/>	Tribe(s):
Natural Environment			
	Present	Not Present	Comment
7-2 Sensitive Biological Resources	<input type="checkbox"/>	<input type="checkbox"/>	BDS: <input type="checkbox"/> BR: <input type="checkbox"/> BE: <input type="checkbox"/> ; date ADOT approved:
1. Threatened/Endangered Species	<input type="checkbox"/>	<input type="checkbox"/>	
2. Federal Sensitive Species/Habitat	<input type="checkbox"/>	<input type="checkbox"/>	Date federal agency approved:
3. Tribal Sensitive Species/Habitat	<input type="checkbox"/>	<input type="checkbox"/>	Date(s) federal agency/Tribe(s) approved:
4. AZ Species of Concern/Habitat	<input type="checkbox"/>	<input type="checkbox"/>	
5. Native Plants	<input type="checkbox"/>	<input type="checkbox"/>	Name, Agency/Consultant, and Date of survey:
6. Other Wildlife and Habitat Concerns	<input type="checkbox"/>	<input type="checkbox"/>	Agency commenting and date of comment:
7-3 100-Year Floodplain	<input type="checkbox"/>	<input type="checkbox"/>	FEMA FIRM map number(s): Letter of Map Revision effective date(s): Floodplain not delineated <input type="checkbox"/>
7-4 Section 404 Waters	<input type="checkbox"/>	<input type="checkbox"/>	If Waters impacted, permit type and/or number: Corps file number:
Section 401 Water Quality Certification	<input type="checkbox"/>	<input type="checkbox"/>	Certification type:
7-5 Wetland Areas	<input type="checkbox"/>	<input type="checkbox"/>	
Riparian Areas	<input type="checkbox"/>	<input type="checkbox"/>	
7-6 Prime or unique farmland	<input type="checkbox"/>	<input type="checkbox"/>	NRCS map:
Farmland of statewide or local importance	<input type="checkbox"/>	<input type="checkbox"/>	
7-7 Sole Source Aquifer(s)	<input type="checkbox"/>	<input type="checkbox"/>	
7-8 Wild and Scenic Rivers	<input type="checkbox"/>	<input type="checkbox"/>	
7-9 Navigable Waters	<input type="checkbox"/>	<input type="checkbox"/>	
Cultural Resources			
	Present	Not Present	Comment
7-10 Archaeological/Historic Resources	<input type="checkbox"/>	<input type="checkbox"/>	Report(s) and concurrence date(s): Tribal consultation:
Section 4(f)/6(f) Resources			
	Present	Not Present	Comment
7-11 Section 4(f) Wildlife/Waterfowl	<input type="checkbox"/>	<input type="checkbox"/>	
Section 4(f) Historic site	<input type="checkbox"/>	<input type="checkbox"/>	
Section 4(f) Recreational site	<input type="checkbox"/>	<input type="checkbox"/>	
Section 4(f) Park	<input type="checkbox"/>	<input type="checkbox"/>	
7-12 Section 6(f) Resource	<input type="checkbox"/>	<input type="checkbox"/>	

(continued on next page)

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Page 7. Environmental Impact Summary (continued)

7-3. 100-Year Floodplain

If the project is located—or partially located—within a designated 100-year floodplain, check the “Present” box. If the project is in an area that has not yet been delineated, check neither the “Present” nor the “Not Present” boxes, but check the applicable box in the Comment column. In the Comment column, list the FEMA FIRM maps by number that were referenced, and any applicable Letter of Map Revision dates. If the “Present” box or the “Floodplain not delineated” box has been checked, refer to the *100-Year Floodplain Analysis Sheet*.

7-4. Section 404/401

If the project is located within a Waters under the jurisdiction of the Corps—or if the project is moving forward under the assumption that a watercourse in the project area is considered a Waters—check the “Present” box. If the Waters is impacted, include the permit type and/or number, and the Corps file number in the Comment column, where prompted. Section 401 Water Quality Certification: if the project impacts Waters, check the “Present” box and indicate what type of Certification is required (i.e., certified, individual certification, or conditional certification). A copy of the permit/water quality certification and all general, regional, and special conditions—as applicable—will be attached to the submittal and included in *Section 1.3 Enclosed Attachments*. If the “Present” box is checked, refer to the *Clean Water Act Compliance Analysis Sheet*.

7-5. Wetland and Riparian Areas

If wetland(s) or riparian area(s) are present within the project vicinity, check the “Present” box and refer to the applicable *Analysis Sheet* in the Comment column. If a xeroriparian area is in the project vicinity, check the “Not Present” box in the Riparian Area(s) row.

7-6. Prime and Unique Farmland, and Farmland of Statewide or Local Importance

Determine if farmland is present in the project vicinity, and indicate the NRCS map referenced in the Comment column. If the “Present” box is checked, refer to the *Prime or Unique Farmlands Analysis Sheet*.

Page 7. Environmental Impact Summary (continued)

7-7. Sole Source Aquifers

If the project is located within a sole source aquifer include the name of the aquifer in the Comment column, review the current EPA/FHWA MOU regarding sole source aquifer review pursuant to *Section 14249(e) of the Safe Drinking Water Act*, and refer to the *Sole Source Aquifers Analysis Sheet*.

7-8. Wild and Scenic Rivers

If the project is located in the vicinity of a Wild and Scenic River, include the river name in Comment column, and indicate if the river is considered a Section 4(f) resource and refer to the *Wild and Scenic Rivers Analysis Sheet*.

7-9. Navigable Waters

If the project involves the Colorado River, refer to the *Coast Guard Permits Analysis Sheet*.

7-10. Cultural Resources

Determine if archaeological/historic resources are present in the APE (even if the resources have been determined to be not eligible for inclusion on the NRHP), and check the appropriate "Present" or "Not Present" box. In either case, list the report(s), and date(s) of agency concurrence and briefly describe all tribal consultation completed in the Comment column. If cultural resources are present in the APE, refer to the *Archaeological Resources and Historic Properties Analysis Sheet*.

7-11. Section 4(f)

If Section 4(f) resources are present within the project area, include the name of the resources in the Comment column, and refer to the *Section 4(f) Resources Analysis Sheet*.

7-12. 6(f) Resources

If Section 6(f) resources are present within the project area, include the name of the resources in the Comment column, and refer to the *Section 6(f) of the Land and Water Conservation Funds Act Analysis Sheet*.

Page 8. Environmental Impact Summary (continued)

8-1. Visual Resources

If the project will impact the existing visual character of the project area, refer to the *Visual Resources Analysis Sheet*. If the project will have no impact to the visual character of the project site, check the "No" box and explain why there is no change or only a subtle change in the Comment column. If the project will impact the existing visual character of the project area, check the "Yes" box; determine the intensity of the effect (e.g., minor), and check the applicable box. If the project will result in a minor change, check the appropriate and explain why; no *Visual Resources Analysis Sheet* is required. If the project will result in more than minor change to the existing visual character of the project area, check the appropriate box in the Comment Column and refer to the *Visual Resources Analysis Sheet*.

If the project is located on lands with specific visual resource management objectives (e.g., BLM; Forest Service), determine if the project will meet the agency's objectives, check the applicable box, and list the name of the management agency and the date of the agency concurrence in the Comment column.

If the project is located along a designated Scenic Road/Byway, check the "Yes" box and include the name of the road/byway in the Comment column.

8-2. Socioeconomic Resources

Determine if residential or commercial development is present (or planned) within and/or adjacent to the project limits and check the applicable box. If "Other," provide a brief description. If the project will require residential and/or commercial displacements, check the "Present" box and refer to the *Socioeconomic Impacts Analysis Sheet*.

Based on the existing environment, if the project may result in potential concerns regarding access and/or neighborhood continuity and community cohesion, check the "Present" box and refer to the *Socioeconomic Impacts Analysis Sheet* in the Comment column. If there are no concerns, check the applicable box, and explain why in the Comment column.

8-3. Title VI/EJ Populations

If the project will not result in any temporary, adverse, or permanent effects on any businesses, residents, or landowners (including but not limited to effects to access, relocations, and neighborhood continuity), DO NOT check either the "Present" or "Not Present" box, but rather insert the following phrase in the Comment column "the presence of protected populations was not determined because the project will have no new effects on the surrounding area."

Project No. _____
 TRACS No. _____
 Project Name _____

Environmental Impact Summary					
Visual Resources					
	Yes	No	Comment		
8-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial <input type="checkbox"/> Other:		
	<input type="checkbox"/>	<input type="checkbox"/>	Project's postconstruction visual quality meets land-managing agency's specific visual resource management objectives Name of management agency: _____ Date of agency concurrence: _____		
	<input type="checkbox"/>	<input type="checkbox"/>	Project is along a designated Scenic Road/Byway Scenic Road/Byway name: _____		
Socioeconomic Resources					
	Present	Not Present	Comment		
8-2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Other:		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Other:		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Other:		
	<input type="checkbox"/>	<input type="checkbox"/>	Displacement(s)		
	<input type="checkbox"/>	<input type="checkbox"/>	Temporary/Permanent Access Concerns		
	<input type="checkbox"/>	<input type="checkbox"/>	Neighborhood Continuity and Community Cohesion Concerns		
8-3	<input type="checkbox"/>	<input type="checkbox"/>	Title VI/EJ Populations		
Physical/Construction					
	Present	Not Present	Comment		
8-4	<input type="checkbox"/>	<input type="checkbox"/>	Construction-related Impacts		
8-5	<input type="checkbox"/>	<input type="checkbox"/>	Utilities		
8-6	<input type="checkbox"/>	<input type="checkbox"/>	Date ADOT approved: _____ <input type="checkbox"/> Qualitative Analysis:		
8-7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Quantitative Analysis:		
	Required	Not Required	Comment		
8-8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ≥ 1 acre of ground disturbance <input type="checkbox"/> < 1 acre – administered by _____ <input type="checkbox"/> Within 0.25 mile of water.		
	Attainment	Non-attainment	Maintenance	Comment	
8-9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Air Quality	

Page 8. Environmental Impact Summary (continued)

8-4. Title VI/EJ Populations (continued)

If the project will have temporary, adverse, or permanent effects on any businesses, residents, or landowners, consult the most recent Census data to determine if protected populations are present in the project vicinity. If protected populations are present, check the applicable box and refer to the *Title VI/Environmental Justice Analysis Sheet* in the Comment column. If protected populations are not present in the project vicinity, indicate the results of the search in the Comment column, and check the "Not Present" box.

8-5. Construction-related Impacts

If the project will result in any construction-related impacts, refer to the *Construction-Related Impacts Analysis Sheet* in the Comment column. If the project will not result in construction-related impacts, check the "Not Present" box and explain in the Comment column.

8-6. Utilities

If utilities are present in the project area, refer to the *Utilities Analysis Sheet* in the Comment column.

8-7. Hazardous Materials

Refer to the ADOT-approved hazardous materials documentation (e.g., PISA), and include the date of ADOT approval in the Comment column. If hazardous materials were identified in the project vicinity, check the "Present" box, and refer to the *Hazardous Materials Evaluation Analysis Sheet* in the Comment column. If hazardous materials were not identified in the project vicinity, check the "Not Present" box, insert the date of ADOT approval in the "Comment" column—no *Hazardous Materials Evaluation Analysis Sheet* is needed.

8-8. Sensitive Noise Receivers

Refer to FHWA's Noise Abatement Criteria⁵ and the ADOT NAP⁶; if receivers are located within approximately 1,000 feet of the project site, check the applicable box, indicate which type of analysis was completed (i.e., qualitative or quantitative), and complete and refer to the *Noise Analysis Sheet* in the Comment column. If receivers are not present in the project area (within ~1,000 feet), indicate that a qualitative analysis was completed and remove the *Noise Analysis Sheet*.

⁵ <http://www.fhwa.dot.gov/environment/polguid.pdf>

⁶

http://www.azdot.gov/EEG_common/documents/files/air_and_noise/final_noise_abatement_policy_revised_december_2005.pdf

Page 8. Environmental Impact Summary (continued)

8-9. AZPDES/NPDES Permit/Erosion Control

Determine if an AZPDS (non-tribal land)/NPDES (tribal land) permit is required. Indicate in the Comment column if the project will result in greater than or less than one acre of disturbance and if the project will be bid and administered by ADOT. Also indicate in the Comment column if the project is located within 0.25 mile of any unique/impaired water, and include the water name⁷.

If the project will result in 1 or more acres of disturbance, refer to the *AZPDES/NPDES Analysis Sheet*. If the project will result in less than 1 acre of disturbance and will be administered by the Proponent insert the name of the Proponent, and refer to the *AZPDES/NPDES Analysis Sheet*. If the project will result in less than 1 acre of disturbance and will be administered by ADOT, insert "ADOT"—no *AZPDES/NPDES Analysis Sheet* is needed.

8-10. Air Quality

Refer to the non-attainment/maintenance area maps on the ADOT EEG Web site⁸ to determine if the project is located in an area that meets all National Ambient Air Quality Standards. If the project is located in non-attainment or maintenance area(s), check the applicable boxes and include the name(s) of the nonattainment/maintenance area(s) in the Comment column, and refer to the *Air Quality Analysis Sheet*.

⁷ <http://www.azdeq.gov/environ/water/permits/stormwater.html>

⁸ http://www.azdot.gov/EEG_common/documents/air_quality_guidance.asp

Page 9. Agency Coordination/Public Involvement

This page will always be included in the submittal. Follow ADOT EEG's Scoping Guidance⁹. Coordination/scoping letters/fliers should be distributed to all applicable agencies/public entities, adjacent property owners, and non-governmental organizations. The ADOT NEPA Planner does not review or distribute the scoping letters. However, a copy of each letter distributed/comment received/response provided as part of the public involvement process should be forwarded to the ADOT NEPA Planner for the project file after the 30-day comment period has ended.

9-1. Agency Scoping/Coordination (as applicable)

List all agencies—including departments within agencies—contacted, adding and deleting rows as applicable. For each agency/department, include the date the entity was contacted (in the "Date Contacted" column), the method of notification (i.e., flier, letter, e-mail), the comment—if any—received, and the response to the comment. In the "Response" column, also include the date and method of the response (e.g., 01/07/2005; letter). Attach additional pages as needed. Comments received from agencies, and the communities' response to those comments, should be attached to the environmental document, and included on Page 1 under Enclosed Attachments (refer to 1-3. *Enclosed Attachments*). If any portion of the project is located within a 100-year floodplain, the floodplain administrator shall be included in the scoping process. If comments are addressed in an *Analysis Sheet*, refer to the sheet in the "Response" column.

Do not send coordination/scoping letters to the EPA¹⁰ or ADOT District Engineers as part of the agency scoping process. If the project is located on tribal lands, coordination/scoping letters are not sent to state agencies (e.g., AGFD). If the project is located—or partially located—on federal land (e.g., BLM) contact the land-managing agency to determine applicable agencies for coordination.

9-2. Public Scoping/Coordination

In the first column, identify the number of individuals contacted during the public scoping process, do not include addresses or contact information. Include the date that individuals were contacted in the "Date Contacted" column, the method of notification (i.e., letter, flier) in the third column, and list any comments received (in bullet format) in the "Comment" column. In the "Response" column, include the applicable response and the date and method of response (e.g., 01/07/2005; letter). Attach additional pages as needed. If comments are addressed in an *Analysis Sheet*, refer to the sheet in the "Response" column. The NEPA planner must review the mail distribution list and all scoping letters prior to distribution. All comments received must be forwarded to the NEPA planner. Attach any comments received from agencies and any ADOT responses back to the agencies. Do not attach comments received from the public unless directed by the NEPA planner.

Project No. _____
 TRACS No. _____
 Project Name _____

Agency Coordination/Public Involvement Analysis Sheet

	Date contacted	Method of notification	Comment	Response
Agency Scoping/Coordination				
AGFD				
Bureau of Indian Affairs				
Bureau of Land Management				
Bureau of Reclamation				
County				
Department:				
Department of Public Safety				
EPA				
Local Municipality				
Department:				
National Park Service				
SHPO				
THPO				
US Army Corps of Engineers				
US Coast Guard				
USFWS				
USDA Forest Service				
Other				
Public Scoping/Coordination				
people contacted				
List organizations				
Center for Biological Diversity				

Public Meeting(s)

☐ Public meeting not held because
☐ Public meeting(s) was (were) held.

- Date(s) and location(s):
- Number of attendees:
- Method(s) of notification:
- Handout materials.
- ☐ No ☐ Yes—see attached
- Comments/Responses:

Mitigation Measures

⁹ http://www.azdot.gov/EEG_common/documents/files/planning/ce_scoping_process.pdf

¹⁰ Unless the project involves sole source aquifer(s)

Page 9. Agency Coordination/Public Involvement (continued)

9-3. Public Meeting(s)

Check the applicable box to indicate whether a public meeting was held. If no public meeting was held, provide a brief explanation why not (e.g., “all interested parties were contacted as part of the scoping process and no issues were identified.”)

If a public meeting was held, include the date and location, number of attendees, and method of notification. If handout materials were provided, check the applicable box and attach the handout to the submittal packet, indicating such on page 1 (*refer to 1-3. Enclosed Attachments*).

9-4. Mitigation Measures

If the public/adjacent property owners will be provided notification prior to construction, identify the responsible party (e.g., the Proponent or the Contractor) and include the mitigation here. List mitigation in bullet form, separated by responsibility (e.g., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Page 10. Sensitive Biological Resources

This page is an *Analysis Sheet* and should be included if any Sensitive Biological Resources were marked as "Present" in the Environmental Impact Summary. Under Item 1 insert "BR," or "BE." If the biological analysis results in a "may affect" (either not likely to adversely affect or likely to adversely affect) check the boxes associated with 8-2 and/or 8-3; (do not check 8-1); and include information on the "no effect" species where indicated. For all species, write the common name and include the scientific name, in italics, in parentheses immediately following the common name. For example: Attwater's greater prairie-chicken (*Tympanuchus cupido attwateri*). Any BR or BE with a no effect determination must be included with the draft CE for ADOT review. The BR/BE must also be included with the final CE for submittal to FHWA. If the ADOT-approved BDS determined that the project will not impact any Biological Resources, delete the *Sensitive Biological Resources Analysis Page* from the document. **If there are federally listed endangered or threatened species or critical habitat in the project area, the CE is non-programmatic.**

10-1. No Effect

If the BR/BE resulted in a finding of "no effect," check the box. Within the table, list each species analyzed in detail. For each species, include a brief explanation of why a no effect determination was made (e.g., no vegetation disturbance; project occurs outside breeding season) in the second column.

10-2. May Effect, Not Likely to Adversely Affect/Is Not Likely to Jeopardize the Continued Existence or Result in Habitat Destruction or Adverse Modification/May Impact Individuals, but is Not Likely to Result in Trend Toward Federal Listing or Loss of Viability

If the BE resulted in a finding of "may effect, not likely to adversely affect"; "Is not likely to jeopardize the continued existence of the species or result in the destruction or adverse modification of habitat"; or "may impact individual, but is not likely to result in a trend toward federal listing or loss of viability," check the box. In the table list species analyzed in detail in the first column. For each species, the second column should include a brief explanation of which effect determination was made and why (e.g., "species has seasonal use of area; project will occur when species is not present"). Include the date (MM/DD/YYYY) of the USFWS letter, and a statement of "no effect" on other species where prompted.

Project No. _____
 TRACS No. _____
 Project Name _____

Sensitive Biological Resources Analysis Sheet

1. Threatened and Endangered Species
 A was prepared and an "effects" determination was made for each species.

☐ The project will not affect listed, threatened, endangered, proposed, or candidate species or designated critical habitat.

Species analyzed in detail	Reason for "no effect"

☐ The project may affect but is not likely to adversely affect; is not likely to jeopardize the continued existence of the species or its habitat; or may impact individuals of species, but is not likely to result in a trend toward federal listing or loss of viability the following listed, threatened, endangered, proposed, or candidate species or designated critical habitat.

Species analyzed in detail	Determination and reason

1. Date of USFWS concurrence letter:
 2. Statement of "no effect" on other species:

☐ The project may affect and is likely to adversely affect; is likely to jeopardize the continued existence of species; or is likely to result in the destruction or adverse modification of habitat; or is like to result in a trend toward federal listing or loss of viability for the species the following listed, threatened, endangered, proposed, or candidate species or designated critical habitat.

Species analyzed in detail	Determination and reason

1. Date of USFWS Biological Opinion:
 2. Statement of "no effect" on other species:

Page 10. Sensitive Biological Resources

10-3. May Effect, Likely to Adversely Affect/Is Likely to Jeopardize the Continued Existence/Is Likely to Result in the Destruction or Adverse Modification of Habitat/Is Likely to Result in a Trend Toward Federal Listing or Loss of Viability

If the BE resulted in a finding of “may effect, likely to adversely affect;” “is likely to jeopardize the continued existence;” “is likely to result in the destruction or adverse modification of habitat;” “is likely to result in a trend toward federal listing or loss of viability” check the box. In the table list species analyzed in detail in the first column.

10-4. May Effect, Likely to Adversely Affect/Is Likely to Jeopardize the Continued Existence/Is Likely to Result in the Destruction or Adverse Modification of Habitat/Is Likely to Result in a Trend Toward Federal Listing or Loss of Viability (continued)

For each species, the second column should include the determination that was made and a brief explanation of why this effect determination was made (e.g., take is anticipated). Include the date (MM/DD/YYYY) of the USFWS letter, and a statement of “no effect” on other species where prompted.

Page 11. Sensitive Biological Resources (continued)

11-1. Federal Sensitive Species

If the project occurs on federal land and federal sensitive species were analyzed, check the box, and insert the applicable biology document type (BR or BE). List the species analyzed in detail in the first column, and the anticipated effects (e.g., disturbance from construction noise) and determination for each species (e.g., may impact individuals, but is not anticipated to result in a trend toward federal listing or loss of viability) in the second column.

Once coordination is complete, check the box, insert the name of the agency (e.g., Bureau of Land Management, Phoenix Field Office), the date (MM/DD/YYYY), and list the mitigation required to protect the sensitive species (if applicable). If no mitigation is required, state this under the coordination statement.

If the land-managing agency declined to review the biological document, check the box, and include the applicable biological document.

11-2. Tribal Sensitive Species

If the project occurs on tribal lands, check the box and insert the name of the tribe. If the tribe requests special species be evaluated as part of the project, list the species analyzed in detail in the first column. List anticipated effects (e.g., disturbance from construction noise) and determination for each species (e.g., may impact individuals, but is not anticipated to result in a trend toward federal listing or loss of viability) in the second column. Include any required mitigation measures and the date (MM/DD/YYYY) of the tribal concurrence with the biological document.

11-3. Arizona Species of Concern

The AGFD has no jurisdiction on tribal land or federal land. However, the National Forests and BLM generally request coordination with AGFD. If the project occurs on tribal land, delete this section; if the project occurs on federal land, delete this section unless the land-managing agency requests coordination with AGFD. If the project occurs on both federal and non-federal lands, modify the text to identify that this section applies only to portions of the project on non-federal lands.

AGFD will be scoped as part of the agency scoping process. If AGFD provides a sensitive species list, check the applicable box and include the correspondence with the submittal and list on page 1. If AGFD responded requesting additional information or with other concerns, check the applicable box and include a brief explanation. If AGFD requested specific consideration for a specific species, check the "Sensitive Species" box, identify the species, and include a discussion of AGFD concerns and how these were addressed. Also include specific mitigation here, on page 9, in the clearance memorandum, and in the *Mitigation Measures Sheet*.

Project No. _____
 TRACS No. _____
 Project Name _____

2. Federal Sensitive Species
☐ Sensitive species on the land managing agency's list were analyzed in the

Species analyzed in detail	Anticipated Effects/Determination and reason

☐ Coordination with _____ has been completed.

 The agency(ies) was (were) given a copy of the _____ for review, and its (their) representative(s) signed a review letter on _____, indicating that the documentation was adequate.

☐ Land managing agency declined to review the _____, but a courtesy copy of the document was submitted.

3. Tribal Sensitive Species
☐ The project occurs on _____ tribal lands.

Tribal sensitive species analyzed in detail	Anticipated effects/Determination

1. Required mitigation measures:
 2. Date of Tribal concurrence:

☐ The Tribe declined to review the _____ but; a courtesy copy of the document was submitted.

4. Arizona Species of Concern
☐ AGFD coordination

☐ AGFD sent a Sensitive Species list.
☐ AGFD requested _____.
☐ AGFD did not respond or did not respond with a Sensitive Species list.

☐ Sensitive Species
 Sensitive species AGFD requested specific consideration for, or species that ADOT has determined a need to address:

11

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Page 12. Sensitive Biological Resources (continued)

12-1. Native Plants

The Arizona Native Plant Law applies only to listed plants that are naturally occurring, not landscaped or planted individuals. The Arizona Department of Agriculture maintains the most current species list.¹¹ If the project occurs on federal land, follow the Arizona Native Plant Law only if requested to do so by the land-managing agency. The biological report completed for the project will state if protected native plants are present in the project area. If protected native plants are present, but will not be impacted (i.e., will be avoided by construction), check the applicable box, and include an explanation.

If protected native plants will be impacted, verify the landowner of the project area. If the project is located on federal lands, check the applicable box. If the project is located on nonfederal lands the Arizona Department of Agriculture must be provided the opportunity to salvage the plants. Check the applicable box, and include this mitigation in the *Mitigation Measures Sheet*, and in the clearance memorandum.

12-2. Other Wildlife and Habitat Concerns

Refer to the biological document and any responses received during the agency scoping/coordination process to identify other wildlife and habitat concerns. Indicate in the table if other wildlife/habitat concerns were identified and include applicable mitigation in the table, in the mitigation measures section, in the clearance memorandum, and on the *Mitigation Measures Sheet*.

12-3. Mitigation Measures

Include all applicable mitigation specific to sensitive biological resources, including mitigation necessary for avoidance. List mitigation in bullet form, separated by responsibility (e.g., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Project No. _____
 TRACS No. _____
 Project Name _____

12-1

5. **Native Plants** (Arizona Department of Agriculture's list of protected native plants)

☐ There are existing protected native plants within the project limits that will not be impacted because _____.

☐ Native plant impacts

☐ There are existing protected native plants on federal lands in the project limits that will be impacted. The Arizona Department of Agriculture has no jurisdiction on federal lands.

☐ Protected native plants on nonfederal land within the construction limits will be impacted by the project; therefore, the ADOT Roadside Development Section will notify the Arizona Department of Agriculture at least 60 days prior to the start of construction to afford commercial salvagers the opportunity to remove and salvage these plants.

12-2

6. **Other Wildlife and Habitat Concerns**

Item	No issue	Issue	Mitigation
Riparian	<input type="checkbox"/>	<input type="checkbox"/>	
Wetland	<input type="checkbox"/>	<input type="checkbox"/>	
Game species	<input type="checkbox"/>	<input type="checkbox"/>	
Wildlife connectivity	<input type="checkbox"/>	<input type="checkbox"/>	
Migratory birds	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

12-3

Mitigation Measures

Revised 12/05

¹¹ <http://www.azda.gov/ESD/nativeplants.htm>

Page 13. 100-Year Floodplain

Review FEMA 100-year FIRMs on the FEMA website¹². Include all floodplain FIRM numbers that occur in the project area and the effective or revision date for each FIRM, where indicated. Include FIRM map numbers even if the project area has not been delineated. If the project is not located within a 100-year floodplain, delete this page from the document.

13-1. FIRM Map No(s).

Determine if the project is within a 100-year floodplain. If you cannot determine whether the project is within a 100-year floodplain, contact the county flood control district or the local floodplain manager for assistance.

If the project is within a floodplain, determine if the floodplain will be impacted by the project. Impacts typically occur when topography within the floodplain is substantially modified either by placement or removal of materials within the floodplain. If the project will impact a 100-year floodplain, check the applicable box and provide an explanation of project impacts. Additionally, follow the requirements of "Title 23, CFR, Part 650, Subpart A." Contact the ADOT NEPA Planner and develop summary text to be included in the document.

If the floodplain has not been delineated for the project area, check the applicable box, and include the type of project in the paragraph where prompted.

Include the floodplain manager in the scoping process if the project is within a 100-year floodplain, or if the floodplain is not delineated. Check the box indicating that the floodplain manager has been apprised of the project, and include a statement regarding any comments received (e.g., "and has no comment on the project").

13-2. Mitigation Measures

If the project is located within a 100-year floodplain, include the mitigation here. Fill in the floodplain manager's agency at the beginning of the mitigation measures. For example: "The City of Flagstaff Engineer will be provided an opportunity to review and comment on the design plans."

If there is additional mitigation, list it in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Project No. _____
 TRACS No. _____
 Project Name _____

100-Year Floodplain Analysis Sheet

FIRM Map No(s):

13-1

☐ The project is located within a 100-year floodplain.
☐ The project impacts a 100-year floodplain.
☐ The 100-year floodplain has not been delineated.

The project is located in an area that has not been delineated on the FEMA FIRM for the 100-year floodplain. Impacts to floodplains typically occur when the topography within a floodplain is substantially modified either by placement or removal of materials within the floodplain. Because this is _____ project on existing alignment, this project will not substantially modify the floodplain topography in the project area. Therefore, no impacts to floodplains are anticipated.

☐ The floodplain manager has been apprised of the project and _____
☐ Other.

13-2

Mitigation Measures

Responsibilities
 will be provided an opportunity to review and comment on the design plans.

13
Revised 12/05

¹² www.fema.gov

Clean Water Act Compliance Analysis Sheet	
<div style="text-align: right;"> Project No. _____ TRACS No. _____ Project Name _____ </div>	
Section 404 Permit	
14-1	<input type="checkbox"/> Waters are present in the project area, but will not be impacted by the project.
14-2	<input type="checkbox"/> Fill or dredged material will be placed in Waters of the United States. Area of disturbance within Waters of the United States _____ Location _____
14-3	<input type="checkbox"/> MOU between USFWS and the Corps dated March 2003 on the cactus ferruginous pygmy owl applies.
14-4	<input type="checkbox"/> Nationwide Section 404 Permit from Corps required. NWP Number _____ <input type="checkbox"/> Without a PCN. <input type="checkbox"/> With a PCN, because _____ Corps File No. _____
14-5	<input type="checkbox"/> Individual Section 404 Permit required. Corps File No. _____
Section 401 Water Quality Certification	
14-6	Jurisdictional Waters that will be affected by this project: <input type="checkbox"/> Tribal <input type="checkbox"/> Unique <input type="checkbox"/> Other
14-7	The use of a Section 404 Permit in the above Waters is: <input type="checkbox"/> Certified <input type="checkbox"/> Conditionally Certified <input type="checkbox"/> Individually Certified <input type="checkbox"/> Project on nontribal lands. Section 401 Water Quality Certification is authorized by ADEQ. <input type="checkbox"/> Project on tribal lands, except the Fort Apache Indian Reservation. Section 401 Water Quality Certification is authorized by EPA. <input type="checkbox"/> Project on the Fort Apache Indian Reservation. The Section 401 Water Quality Certification is authorized by the White Mountain Apache Tribe.
14-8	Mitigation Measures Section 404 Nationwide Permits Without Preconstruction Notification
14-9	<u>Contractor Responsibilities</u> The contractor shall comply with all terms and conditions of the attached Section 404 Nationwide Permit No. _____ as established by the US Army Corps of Engineers. The terms and general conditions include, but are not limited to, the following: • •

Page 14. Clean Water Act Compliance

Determine Section 404 applicability (no involvement, NWP, or Individual Permit required). If the project has no involvement with Waters, delete this page from the document. If Waters are involved with the project, refer to ADOT's *Section 404 – 401 Procedures, Applications and Permits Guidance*¹³. **If an individual permit or a NWP No. 23 is required, the CE is non-programmatic.**

Section 404 Permit

14-1. No Impacts to Waters

If Waters are present within the project area, but will not be impacted (e.g., will be avoided by construction), check the applicable box, and include any necessary avoidance mitigation.

14-2. Fill or Dredged Materials in Waters

If fill or dredged materials will be placed in Waters, check the applicable box and include the area (in acres, cubic yards, linear feet, etc.) as applicable to specific permit requirements. State the location where the impacts will occur.

14-3. USFWS/Corps MOU regarding cactus ferruginous pygmy owl

If Waters are impacted as part of the project, determine if the March 2003 MOU between the USFWS and the Corps applies. If it applies, check the applicable box, and verify that the applicable permit and biological effect determination have been identified.

14-4. Nationwide Section 404 Permit

If a NWP is required, check the applicable box and include the NWP Number where prompted. Determine if a PCN is required, and check the applicable box. If a PCN is required, include the Corps File Number, and ensure that Special Conditions are included in the mitigation measures. For all NWP, include applicable General and Regional Conditions to both the clearance memorandum and the environmental document.

14-5. Individual Section 404 Permit required

If an Individual Section 404 Permit is required, check the applicable box and include the Corps File Number. The current MOU regarding the National Environmental Policy Act/Clean Water Act Section 404 integration process must be followed¹⁴. Ensure that the applicable terms, General, Special, and Regional conditions are included.

¹³ http://www.azdot.gov/EEG_common/documents/section_404.asp

¹⁴ <http://www.dot.ca.gov/ser/downloads/MOUs/NEPA404/NEPA404MOU.pdf>

Page 14. Clean Water Act Compliance (continued)

Section 401 Water Quality Certification

Section 401 Water Quality Certification is mandatory for any activity that requires a Section 404 permit. A Section 401 Permit is required prior to discharging any dredged or fill materials into a Waters.

14-6. Type of Impacted Water

Identify if the Waters to be impacted by the project are considered “Tribal”, “Unique”, or “Other” Waters and check the applicable box. “Tribal Waters” are any Waters occurring on tribal lands. “Unique Waters” are located on non-tribal land and designated by ADEQ.¹⁵ “Other Waters” are all Waters on non-tribal lands for which Section 401 Certification has not been specifically denied.

14-7. Section 401 Certification

Determine the requirements for the Section 401 certification (i.e., certified, conditionally certified, individually certified). Based on the land jurisdiction of the Waters, check the applicable boxes and include file numbers.

For projects requiring Individual Certification on non-tribal lands, submit the Section 401 application (hard copy), including Best Management Practices or other measures that are proposed to minimize watercourse impacts, to Robert Scalamera at ADEQ, Surface Water Permitting Unit, 1110 West Washington Street, Phoenix, Arizona, 85007; 602.771.4502; scalamera.robert@azdeq.gov. The documentation should be in the form of a list of conditions.

For projects requiring Individual Certification on tribal lands (except the Fort Apache Reservation), the application is submitted to EPA Region IX, San Francisco Office, Mail Code WTR 8, 75 Hawthorn Street, San Francisco, CA 94105. For projects on the Fort Apache Reservation, contact Brenda Begay at 928.338.4346, ext. 223.

14-8. Mitigation Measures

Delete all headings in this section once the applicable mitigation has been selected. Determine which mitigation measures apply to the project based on the Section 404 permit requirements; delete all non-applicable mitigation. For all mitigation, change “permittee” to “contractor” and spell out all acronyms and abbreviations. List main mitigation measures in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*. Do not number the conditions; rather, list in bullet format. The conditions should be indented from the main mitigation measures.

¹⁵ <http://www.azdeq.gov/enviro/water/permits/download/uniquewat.pdf>

Page 14. Clean Water Act Compliance (continued)

14-9. Mitigation Measures: NWP without a PCN

Insert the NWP number (e.g., 14) in the first mitigation, and list the applicable Section 404 NWP General Conditions below. List the applicable Section 401 certification conditions below the second mitigation (refer to Section 13-2 below for Section 401 condition replacements as applicable).

Page 15. Clean Water Act Compliance (continued)

15-1. Mitigation: Section 404 Permit with PCN or Individual Permit

In the first mitigation, insert the permit type (i.e. "Individual Permit" or "Nationwide Permit No. X) in the first form field, and list applicable Section 404 NWP General Conditions, followed by any special conditions, below. Insert the type of Water Quality Certification and the Certifying Agency in the second mitigation (refer to Section 13-2 below for Section 401 condition replacements as applicable).

15-2. Mitigation: Section 401 Water Quality Certification

If an Individual Section 401 Certification was issued, include all conditions.

Replace the ADEQ Section 401 NWP condition no. 2 [regarding other permits, certifications, and licenses] with the following text:

- The Contractor is responsible for obtaining all other permits, certifications, and licenses that may be required by federal, state, or local authorities. Activities which may require other approvals include: construction activities (Arizona Pollutant Discharge Elimination System Water Permit), use of reclaimed wastewater for dust control or irrigation (Reclaimed Water Permit), or dewatering of construction sites to a surface waterbody (Arizona Pollutant Discharge Elimination System Process Wastewater Permit).

And replace condition no. 4 [earthen fill subject to scour] with the following (if the project is administered by ADOT):

- Material used for the construction of dikes, berms, or channels shall contain no more than 10% of particles finer than 0.297 millimeter diameter (passing a No. 50 sieve) on a dry weight basis. The contractor shall provide to the Engineer a letter of certification that such materials meet these requirements. Such requirements shall be in addition to all other earthwork and material requirements specified in the *Arizona Department of Transportation Standard Specifications for Road and Bridge Construction*, Section 203 (2000 Edition), "Earthwork."

The contractor shall comply with all terms and conditions of the Section 401 Conditional Water Quality Certification, certified by the Arizona Department of Environmental Quality. The terms and conditions include but are not limited to the following:

•
•

Section 404 Nationwide Permits With Preconstruction Notification or Individual Permit

Contractor Responsibilities

The contractor shall comply with all terms, general and special conditions of the attached US Army Corps of Engineers' Section 404 . The terms, general, and special conditions include, but are not limited to, the following:

•
•

The contractor shall comply with all terms and conditions of the Section 401 (Conditional or Individual) Water Quality Certification certified by the (Arizona Department of Environmental Quality, or Environmental Protection Agency, or White Mountain Apache Tribe). The terms and conditions include, but are not limited to, the following:

•
•

For Projects With Arizona Department of Environmental Quality Section 401 Water Quality Certification

Replace the ADEQ Section 401 NWP condition no. 2 [regarding other permits, certifications, and licenses] with the following text:

Contractor Responsibilities

The contractor is responsible for obtaining all other permits, certifications, and licenses that may be required by federal, state, or local authorities. Activities which may require other approvals include: construction activities (Arizona Pollutant Discharge Elimination System Water Permit), use of reclaimed wastewater for dust control or irrigation (Reclaimed Water Permit), or dewatering of construction sites to a surface waterbody (Arizona Pollutant Discharge Elimination System Process Wastewater Permit).

Replace the ADEQ Section 401 NWP condition no. 4 [regarding earthen fill subject to scour] with the following text:

Material used for the construction of dikes, berms, or channels shall contain no more than 10% of particles finer than 0.297 millimeter diameter (passing a No. 50 sieve) on a dry weight basis. The contractor shall provide to the Engineer a letter of certification that such materials meet these requirements. Such requirements shall be in addition to all other earthwork and material requirements specified in the Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, Section 203 (2000 Edition), "Earthwork."

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Wetland Areas Analysis Sheet	
	Project No. _____ TRACS No. _____ Project Name _____
16-1	<input type="checkbox"/> Wetland areas within the project vicinity will not be impacted because these areas will be avoided by construction.
16-2	<input type="checkbox"/> Erosion control or stormwater management measures will be used to protect the wetland(s). <div style="margin-left: 20px;"> <input type="checkbox"/> Control Measures. (refer to the <i>AZPDES/NPDES Analysis Sheet</i>) <input type="checkbox"/> None will be used. </div>
16-3	<input type="checkbox"/> Wetland areas will be impacted by the project. 1. Location of wetland(s) affected by the project. 2. Describe proposed work in the wetland(s) 3. List observed or expected waterfowl and wildlife inhabiting or dependent on the wetland.
16-4	<input type="checkbox"/> FHWA Wetland Policy (23 CFR § 777) applies <input type="checkbox"/> Individual Wetland Finding required.
16-5	<input type="checkbox"/> Section 404 Permit required (refer to <i>Clean Water Act Compliance Analysis Sheet</i>). <input type="checkbox"/> Wetland has been determined as Waters. Corps File Number. <input type="checkbox"/> Section 404 Permit type: <input type="checkbox"/> The project has been coordinated with the Corps and _____.
<hr/> Mitigation Measures	
16-6	

16
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Page 16. Wetland Areas

Determine if wetland(s) are present within the project area.¹⁶ If wetland(s) are not present in the project vicinity, delete this page from the document. If wetland(s) will be impacted, a Section 404 Permit may be required. **If any work occurs in wetland(s), the CE is non-programmatic.**

16-1. Wetlands

Determine if wetland(s) will be avoided or impacted by the project, and check the applicable box. If no mitigation is necessary for avoidance, explain how/why the area will be avoided (at bottom of slope where no work will occur, etc.).

16-2. Erosion Control/Stormwater Management

If specific erosion control or stormwater management measures will be used to protect the wetland(s), check the applicable box, and include a list of the mitigation measures, or refer to the *AZPDES/NPDES Analysis Sheet*.

16-3. Wetland Impacts

If wetland(s) will be impacted, list the location of the wetland(s), the proposed work occurring in the wetland(s), and observed and/or expected waterfowl/wildlife inhabiting or dependent on the wetland—this information should be consistent with the *Sensitive Biological Resources Analysis Sheet*.

16-4. FHWA Wetland Policy (23 CFR § 777)

Review the FHWA Wetland Policy to determine applicability.¹⁷

16-5. Section 404 Permit

If the wetland has been delineated and determined to be Waters, check the applicable box and state the Corps File Number. If a Section 404 Permit is required, include the permit number (if a NWP) or state that an Individual Permit is required. If the wetland is not a Waters, and no permit is required, check the applicable box and include a summary of coordination with the Corps.

16-6. Mitigation Measures

Include all applicable mitigation measures specific to the wetland(s), including mitigation necessary for avoidance. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

¹⁶ <http://www.usace.army.mil/cw/cecwo/reg/rw-bro.htm>

¹⁷ <http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=92eb3a76c8fb678f81463224d0f4f9dc&rgn=div5&view=text&node=23:1.0.1.8.44&idn=23>

Page 17. Riparian Areas

Determine if riparian area(s) are present within the project area (this is not applicable to xeroriparian areas). If riparian area(s) are not present in the project vicinity, delete this page from the document. If riparian area(s) will be impacted by the project, a Section 404 Permit may be required. Include mitigation measures where applicable in the following sections, and include again in Item 17-5.

17-1. Riparian Areas

Determine if riparian area(s) will be avoided or impacted by the project and check the applicable box. If no mitigation is necessary for avoidance, explain how/why the area will be avoided (e.g., at bottom of slope where no work will occur, etc.).

17-2. Erosion Control/Stormwater Management

If specific erosion control or stormwater management measures will be used to protect the riparian area(s), check the applicable box, and include a list of the mitigation measures, or refer to the *AZPDES/NPDES Analysis Sheet*.

17-3. Riparian Impacts

If riparian area(s) will be impacted, list the location of the area(s), the proposed work occurring in the riparian area(s), and observed and/or expected flora/fauna inhabiting or dependent on the riparian area—this information should be consistent with the *Sensitive Biological Resources Analysis Sheet*.

17-4. Section 404 Permit

If the riparian area has been delineated and determined Waters, check the applicable box and state the Corps File No. If a Section 404 Permit is required, include the permit number (if a NWP) or state that an Individual Permit is required. If the riparian area is not a Waters, and no permit is required, check the applicable box and include a summary of coordination with the Corps.

17-5. Mitigation Measures

Include all applicable mitigation measures specific to the riparian area(s), including mitigation necessary for avoidance. List mitigation in bullet form, separated by responsibility (e.g., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Riparian Areas Analysis Sheet	
17-1	<div style="text-align: right;">Project No. _____ TRACS No. _____ Project Name _____</div> <input type="checkbox"/> Riparian area(s) within the project vicinity will not be impacted because these areas will be avoided by construction.
17-2	<input type="checkbox"/> Erosion control or stormwater management measures will be used to protect the riparian area(s). <div style="margin-left: 20px;"> <input type="checkbox"/> Control Measures. (refer to the <i>AZPDES/NPDES Analysis Sheet</i>) <input type="checkbox"/> None will be used. </div>
17-3	<input type="checkbox"/> Riparian area(s) will be impacted by the project. <div style="margin-left: 20px;"> 1. Location of the riparian area(s) affected by the project. 2. Proposed work in the riparian area(s). 3. List observed or expected wildlife and plants inhabiting or dependent upon the riparian area(s). </div>
17-4	<input type="checkbox"/> Section 404 permit required (refer to <i>Clean Water Act Compliance Analysis Sheet</i>). <div style="margin-left: 20px;"> <input type="checkbox"/> Riparian area has been determined as Waters. Corps file no. _____ <input type="checkbox"/> Section 404 Permit type: _____ <input type="checkbox"/> The project has been coordinated with Corps and _____ </div>
17-5	<div style="border: 1px solid black; height: 150px; margin-top: 5px;"> <div style="background-color: #f0f0f0; padding: 2px 5px; font-weight: bold;">Mitigation Measures</div> </div>

Page 18. Prime or Unique Farmlands

Determine if farmland is present within and/or adjacent to the project limits and check the applicable box. If farmland is not located within the project footprint, delete this page from the document.

18-1. Presence of Farmland

If farmland is present within or adjacent to the project limits, check the applicable box(es).

18-2. Type of Farmland

Determine if the farmland in the project area is prime, unique, or of statewide or local importance, by contacting the Natural Resources Conservation Service and applicable State/Local agencies as needed, and check the applicable box. If the farmland within the project area has not been designated as either prime, unique, or of statewide or local importance, or if the farmland is not actually used as agricultural land, no other impact analysis is required on this sheet.

18-3. Farmland Impacts

Determine the project's impact to farmland. If farmland within the project limits will not be impacted by the project, check the applicable box and explain why there will be no impact and include any necessary avoidance mitigation.

If the farmland to be impacted has already been in, or committed to, urban development or water storage, check the applicable box—no Farmland Conversion Impact Rating Form is required. If the project impacts farmland that has not been committed to, or currently developed, determine if the project is considered a "corridor-type project," check the applicable box, and complete either the Farmland Conversion Impact Rating form (AD-1006) or the Farmland Conversion Impact Rating, Corridors form (NRCS-CPA-106). Attach both forms, as well as instructions for the forms, and list the form on Page 1 under Enclosed Attachment (refer to 1-3. *Enclosed Attachments*). Insert information regarding the area removed from farming (in acres) and the number of farms that will be impacted by the conversion as applicable.

18-4. Mitigation Measures

Include all applicable mitigation measures specific to prime and unique farmlands. List mitigation in bullet form, separated by responsibility (e.g., Town of Gila Bend Responsibilities, Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

<div style="float: right; text-align: right; margin-right: 20px;"> Project No. _____ TRACS No. _____ Project Name _____ </div> Prime or Unique Farmlands (Farmland Protection Policy Act [7 USC § 4202, Rules, and 7 CFR § 658])	
18-1	1. Presence of farmland: <input type="checkbox"/> Within the project limits. <input type="checkbox"/> Adjacent to the project limits.
18-2	2. Type of farmland: <input type="checkbox"/> prime <input type="checkbox"/> unique <input type="checkbox"/> statewide importance <input type="checkbox"/> local importance <input type="checkbox"/> Farmland has no special designation <input type="checkbox"/> Farmland is not used for agriculture
18-3	3. Farmlands impacted by project. <input type="checkbox"/> There is farmland within the project area, but it will be avoided by construction because: <input type="checkbox"/> There is farmland adjacent to the project area, but all construction activities will be within the existing right-of-way. <input type="checkbox"/> The farmland adjacent to the project area has already been in, or committed to, urban development or water storage. <input type="checkbox"/> Farmland will be impacted; form _____ attached. <input type="checkbox"/> acres removed from farming. <input type="checkbox"/> farm operation(s) from which land will be acquired. <input type="checkbox"/> Farmland will be impacted in a corridor-type project; form _____ attached. <input type="checkbox"/> acres removed from farming. <input type="checkbox"/> farm operation(s) from which land will be acquired.
<hr/> Mitigation Measures	
18-4	

16
11/05

Page 19. Sole Source Aquifers

Include this section **only** if the project is located in Upper Santa Cruz & Avra Basin or Bisbee-Naco sole source aquifer areas. If the project does not meet these requirements, delete this page from the document.

To determine whether the project area is located in a sole source aquifer, refer to the EPA, Region IX, designated sole source aquifer maps, located on the EPA Sole Source Aquifer website¹⁸. If the aquifer boundary is still difficult to define, contact the EPA Region IX representative (Hillary Hecht/hecht.hillary@epa.gov)

19-1. EPA Safe Drinking Water Act Section 1424(e) review

Refer to the current EPA/FHWA MOU regarding the Sole Source Aquifer review pursuant to *Section 1424(e) of the Safe Drinking Water Act* to determine if an EPA review is required (the ADOT NEPA Planner can provide a copy). If the project requires a Section 1424(e) review, check the applicable boxes to indicate why the review was required, summarize the results and include the date of the review. Attach all correspondence from the EPA to the document, and list in Page 1 under Enclosed Attachment (refer to Item 1-3. *Enclosed Attachments*).

19-2. EPA Notification

If the project does not require a Safe Drinking Water Act Section 1424(e) review by EPA, check the applicable box(es). FHWA must notify the EPA of all projects processed as a CE that will not require a Safe Drinking Water Act Section 1424(e) review by EPA. Include the notification date where prompted, attach the notification to the document, and list in Page 1 under Enclosed Attachment (refer to 1-3. *Enclosed Attachments*).

19-3. Mitigation Measures

Include any mitigation measures specific to sole source aquifers, including those suggested by the ADOT NEPA planner, FHWA, or the EPA. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet* (refer to 35-1).

Sole Source Aquifer Analysis Sheet	
<div style="text-align: right;"> Project No. _____ TRACS No. _____ Project Name _____ </div>	
Located in _____	
19-1	<input type="checkbox"/> Section 1424(e) review by the EPA is required. <input type="checkbox"/> Project includes rest areas or scenic outlooks that include a sewage disposal station. <input type="checkbox"/> Project involves a new or existing well. <input type="checkbox"/> FHWA in consultation with EPA determined the project may potentially affect the aquifer through its recharge zone so as to create a significant hazard to public health—including CEs. <input type="checkbox"/> Other FHWA/EPA determination of project review. <input type="checkbox"/> EPA review completed. Letter(s) dated _____
19-2	<input type="checkbox"/> Section 1424(e) review by the EPA is not required. <input type="checkbox"/> Project is processed as a CE as outlined in 23 CFR Part 771 § 115(b) and § 117. <input type="checkbox"/> EPA was notified of the project by FHWA on _____
Mitigation Measures	
19-3	

¹⁸ www.epa.gov/safewater/swp/ssa/reg9.html

Page 20. Wild and Scenic Rivers

Determine if a recommended for listing, or designated, Wild and Scenic River is present in the vicinity of the project area.¹⁹ If the project is not in the vicinity of a wild and scenic river (or a recommended wild and scenic river), delete this page from the document. Note: publicly owned waters of designated wild and scenic rivers are Section 4(f) resources. **If the project involves construction in, across, or adjacent to a river designated or proposed for inclusion in the National System of Wild and Scenic Rivers, the CE is non-programmatic.**

20-1. Wild/Scenic River

If a designated wild and scenic river, or a river recommended for listing, occurs within the project area, insert the name of the river.

20-2. Project Affect

Determine if the project will have an affect to the river. If the project will not impact the river, check the applicable box and either include mitigation for avoidance, or include an explanation of why the river will not be impacted.

If the project will affect the river, determine if the project will have an adverse effect on the river as outlined in *Guide for Identifying Potential Adverse Effects*.²⁰ Note: if the project could adversely affect a river designated—or recommended for designation—to the Wild and Scenic River System, contact ADOT immediately to determine whether a CE is the applicable level of NEPA documentation. Coordinate with the agency responsible for managing the river. After coordination is complete, describe the potential impacts to the river, explain why the effects are not adverse, and include information on the agency coordination/concurrence (i.e., BOR; NPS) with the effect determination.

20-3. Mitigation Measures

Mitigation to minimize effects to rivers designated—or recommended for designation—to the Wild and Scenic River System must be developed in coordination with ADOT, FHWA, and the agency responsible for managing the river prior to submittal of the environmental document. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

	Project No. _____ TRACS No. _____ Project Name _____
--	--

Wild and Scenic Rivers Analysis Sheet

20-1

A listed or recommended-for-listing wild and scenic river(s) is (are) in the vicinity of the project.

20-2

☐ This project will have no affect to the river.

☐ The project will affect, but will not adversely affect the river. The work for this project includes _____. Because the work will not result in a destruction or alteration of all or part of the free flowing nature of the river; introduce visual, audible, or other sensory intrusion which are out of character with the river or its setting; result in the deterioration of water quality; or require a transfer or sale of property adjacent to the river, the work will not negatively affect or downgrade the natural, cultural, and recreational values associated with the suitability of this segment of the for inclusion in the Wild and Scenic River System.

☐ The _____ concurred that the project will not adversely affect the _____ on _____.

20-3

Mitigation Measures

20

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¹⁹ www.nps.gov/rivers/wildriverslist.html; www.nps.gov/rivers/wsract.html

²⁰ <http://environment.fhwa.dot.gov/guidebook/vol1/doc15c.pdf>

Navigable Waters Analysis Sheet	
21-1	<div style="text-align: right; font-size: small; margin-bottom: 10px;"> Project No. _____ TRACS No. _____ Project Name _____ </div> <div> <input type="checkbox"/> Coordination with USCG: Date _____ <div style="margin-left: 20px;"> <input type="checkbox"/> USCG permit required <input type="checkbox"/> USCG permit not required </div> </div>
21-2	<div> <input type="checkbox"/> Coordination with Corps: Date _____ <div style="margin-left: 20px;"> <input type="checkbox"/> Corps permit required <input type="checkbox"/> Corps permit not required </div> </div>
<hr/> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Mitigation Measures</div>	
21-3	<div style="border-bottom: 1px solid black; height: 150px;"></div>

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Page 21. Navigable Waters

Determine if the project involves Navigable Waters (i.e., the Colorado River); if the project does not involve Navigable Waters, delete this page. **If a USCG permit is required, the CE is non-programmatic.**

21-1. USCG Permit

Contact District 11 (David Sulouff/Dsulouff@11.uscg.mil) of the USCG as part of the project agency scoping. Once the coordination is complete, check the “Coordination with USCG” box, and enter the date of the consultation. Documentation of consultation should be attached to the document and listed in Page 1 under Enclosed Attachment (refer to Item 1-3. *Enclosed Attachments*).

In consultation with the USCG, determine if a USCG permit is required, check the applicable box, and include permit information or explain why the permit is not required. Also include mitigation required to preclude the need for a USCG permit, or as a condition of the permit.

21-2. Corps Permit

Contact the Corps as part of the project agency scoping. Once the coordination is complete, check the “Coordination with Corps” box, and enter the date of the consultation. Documentation of consultation should be attached to the document and listed in Page 1 under Enclosed Attachment (refer to 1-3. *Enclosed Attachments*).

In consultation with the Corps, determine if a Corps permit is required, check the applicable box, and include permit information or explain why the permit is not required. Also include mitigation required to preclude the need for a Corps permit, or as a condition of the permit. Refer to the *Clean Water Act Analysis Sheet* as applicable.

21-3. Mitigation Measures

Mitigation must be developed in cooperation with ADOT, FHWA, USCG, and the Corps—as applicable—prior to submittal of the environmental document. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Project No. _____
 TRACS No. _____
 Project Name _____

Archaeological Resources and Historic Properties Analysis Sheet

22-1

22-2

22-3

22-4

22-5

22-6

1. Survey Data

().

2. Archaeological/Historical Sites

3. THPO/SHPO Eligibility Determination

Site	NRHP-Status	Criterion

SHPO/THPO concurrence of effect:

☐ No potential to effect
 ☐ No effect
 ☐ No adverse effect
 ☐ Adverse effect

Agency concurrence date(s):

☐ BLM
☐ Reclamation
☐ USDA Forest Service
☐ THPO
☐ Tribe(s)
☐ ASLD
☐ SHPO
☐ Other

Mitigation Measures

Contractor Responsibilities

If previously unidentified cultural resources are encountered during activity related to the construction of the project, the contractor shall stop work immediately at that location and shall take all reasonable steps to secure the preservation of those resources. The Engineer will immediately make arrangements for the proper treatment of those resources.

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Page 22. Archaeological Resources and Historic Properties

Refer to the SHPO/land-managing agencies Section 106 consultation letter. If no prehistoric or historic resources are present within the project's area of potential effect, attach the concurrence letter to Page 1, list under Enclosed Attachment (refer to 1-3. *Enclosed Attachments*); cite the report in the *Environmental Impact Summary Sheet*, and delete this page form the document. All projects involving modifications to historic buildings or structures must comply with the *Secretary of the Interior Standards for the Rehabilitation of Historic Structures*, which is available from SHPO²¹. **If an MOA is required, or there is a determination of "adverse effect," the CE is non-programmatic.**

22-1. Survey Data

State if the project limits have been surveyed; include the title, date, and author of the survey report in the following format: *A Cultural Resource Survey of US 60 from Apache Junction to Florence Junction, in Pinal County, Arizona (Grafil 2000).*

22-2. Archaeological/Historical Sites

List sites present in the project area of potential effect in bullet format with a brief description of each site (e.g., *a historic road alignment*). **Do not include specific location information.**

22-3. THPO/SHPO Eligibility Determination

Refer to the Section 106 consultation letter(s) and identify site eligibility. List each site in its own row in the first column of the table. In the "NRHP-Status" column, insert one of the following: *Listed, Eligible, Not Determined, or Ineligible*. In the "Criterion" column, list the applicable criterion by including A, B, C, or D—if a site has been determined *Ineligible* state N/A in the Criterion column. Add rows to the table as needed.

22-4. THPO/SHPO Concurrence of effect

Refer to the Section 106 consultation letter(s), and check the applicable box corresponding to the THPO/SHPO concurrence of project effect.

22-5. Agency Concurrence date(s)

For each agency that was consulted during the Section 106 process, check the applicable box, insert the date of concurrence (i.e., signature date), include the concurrence letter on Page 1 under Enclosed Attachment (refer to Item 1-3. *Enclosed Attachments*) and attach.

²¹ <http://www.pr.state.az.us/partnerships/shpo/shpo.html>

**Page 22. Archaeological Resources and Historic Properties
(continued)**

22-6. Mitigation Measures

Include additional mitigation; do not delete the mitigation included on the *Archaeological Resources and Historic Properties Analysis Sheet*. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

		Project No. _____ TRACS No. _____ Project Name _____
	Section 4(f) Resources Analysis Sheet	
23-1	Section 4(f) property name: _____ Location: _____ Ownership or administration: _____ Type: <input type="checkbox"/> public park <input type="checkbox"/> wildlife refuge <input type="checkbox"/> historic site <input type="checkbox"/> recreational lands <input type="checkbox"/> waterfowl refuge	
23-2	<input type="checkbox"/> There is no Section 4(f) involvement. A "use" of a Section 4(f) resource, as defined in 23 CFR § 771.135(p), occurs: 1) when land is permanently incorporated into a transportation facility; 2) when there is a temporary occupancy of land that is adverse in terms of the statute's preservationist purposes; or 3) when there is a constructive use of land. A constructive use of a Section 4(f) resource occurs when the transportation project does not incorporate land from resources, but the project's proximity impacts are so severe that the protected activities, features, or attributes that qualify a resource for protection under Section 4(f) are substantially impaired. For example, a constructive use can occur when: a) the projected noise level increase, attributable to the project, substantially interferes with the use and enjoyment of a noise-sensitive facility of a resource protected by Section 4(f); b) the proximity of the proposed project substantially impairs aesthetic features or attributes of a resource protected by Section 4(f), where such features or attributes are considered important contributing elements to the value of the resource. An example of such an effect would be the location of a proposed transportation facility in such proximity that it obstructs or eliminates the primary views of an architecturally significant historical building, or substantially detracts from the setting of a park or historic site which derives its value in substantial part due to its setting; and / or c) the project results in a restriction on access, which substantially diminishes the utility of a significant publicly-owned park, recreation area, or historic site.	
23-3	<input type="checkbox"/> There is no actual (direct) use of this Section 4(f) resource. <input type="checkbox"/> The project will not result in a constructive use of this Section 4(f) resource.	
23-4	<input type="checkbox"/> There is a temporary occupancy of land that is minimal; therefore, there is no "use" of land (no adverse impact to existing or future land use) as defined in 23 CFR § 771.135(p). The documented agreement by _____ is attached.	
23-5	<input type="checkbox"/> The project and the Section 4(f) resource are concurrently planned or developed. The documented agreement between ADOT and _____ is attached.	
23-6	<input type="checkbox"/> There is a "no effect" or "no adverse effect" determination on a site listed in or eligible for listing in the NRHP. Refer to attached letter of concurrence from _____. <input type="checkbox"/> There is a minor use of a public park, recreation land, or wildlife/waterfowl refuge.	
23-7	<input type="checkbox"/> There is a minor use of a historic site. <input type="checkbox"/> The project will result in a net benefit to the Section 4(f) resource. <input type="checkbox"/> There is a minor use of a historic bridge.	
	23	Revised 12/05

Page 23. Section 4(f) Resources

Determine if there is a Section 4(f) resource within the project vicinity²²; if there is none, delete this page from the document. Complete a *Section 4(f) Resources Analysis Sheet* for each Section 4(f) resource within the project area. Due to new language in the August 2005 Transportation Bill, contact the ADOT NEPA Planner prior to proceeding with the Section 4(f) analysis. **If there is any use of properties protected by Section 4(f) of the Department of Transportation Act, including projects that utilize the "Negative Declaration Section 4(f)", the CE is non-programmatic.** This includes those instances when a justification is made as to why there is no Section 4(f) use or impact.

23-1. Section 4(f) resource

Include the name, location (MP, street intersection, etc.), and the ownership/administration of the Section 4(f) resource where prompted. Under "Type", check the applicable box(es); if checking "other," include a description.

23-2. No Section 4(f) Involvement

If the Section 4(f) resource is present in the project area, but there is no Section 4(f) involvement, check the box and include a discussion of why Section 4(f) does not apply.

23-3. No Actual or Constructive Use

Based on the definitions of use outlined in 23 CFR § 771.135, determine if the project will result in an actual (direct) or constructive (proximity impacts) use of the Section 4(f) resource. If the project will result in an actual or constructive use, check the applicable box.

23-4. Temporary Occupancy

If the project will require a temporary occupancy of a Section 4(f) resource but does not result in the "use" of the resource because the conditions set forth under 23 CFR 771.135(p)(7) are met, check the box. Also include the name of the official(s) having jurisdiction over the resource, and attach the documented agreement regarding the Section 4(f) resource. Include the attachment with the document, and list on Page 1 under Enclosed Attachment (refer to 1-3. *Enclosed Attachments*).

²² <http://environment.fhwa.dot.gov/guidebook/chapters/v2ch15.asp>

Page 23. Section 4(f) Resources (continued)

23-5. Joint Planning

Determine if the project and the Section 4(f) resource were jointly planned. If there is no “use” of the Section 4(f) resource due to joint development, check the box and completely document all measures that have been taken to jointly develop the project and the resource.

23-6. No Effect/No Adverse Effect

If the project has been determined to have “no effect” or “no adverse effect” on a Section 4(f) resource listed in, or eligible for listing in the NRHP, check the box and attach the letter(s) of concurrence from SHPO/THPO/land-managing agency. Include the attachment with the document, and list on Page 1 under Enclosed Attachment (refer to Item 1-3. *Enclosed Attachments*).

23-7. Minor Use/Benefit

If the project requires the minor use of or is a betterment to a Section 4(f) resource, investigate if a Nationwide Section 4(f) Programmatic Agreement applies²³. Contact the ADOT NEPA Planner. If one of the programmatic agreements may apply, check the applicable box and include a comprehensive discussion of the minor use or net benefit relative to the applicable programmatic agreement. The Section 4(f) discussion must be thorough, clearly document the items that have been reviewed, and provide the FHWA Division Administrator sufficient information and documentation to determine if a Nationwide Section 4(f) Programmatic Agreement applies.

²³ <http://environment.fhwa.dot.gov/projdev/4fnspeval.htm>

Page 24. Section 4(f) Resources (continued)

24-1. Independent Bikeway/Walkway

If the project is the construction of an independent bikeway/walkway that requires the use of a Section 4(f) recreation/park area, coordinate with the official having specific jurisdiction over the Section 4(f) resource. If the official provides written approval that the project is acceptable and consistent with the designated use of the property, and that all possible planning to minimize harm to the resource has been accomplished, check the box, insert the title and department of the official, and attach the written documentation. List the correspondence on Page 1 under Enclosed Attachment (refer to 1-3. *Enclosed Attachments*). Note: the negative declaration does not apply to projects that use land from a publicly owned wildlife or waterfowl refuge or any land from a historic site of national, state, or local significance; that require the use of critical habitat of endangered species; that include unusual circumstances (major impacts, adverse effects, or controversy); or that cover bicycle or pedestrian facilities that are incidental items of construction in conjunction with highway improvements having the primary purpose of serving motor vehicular traffic.

24-2. Actual/Direct Use Requiring a Non-Programmatic Evaluation

If the project requires the use of a Section 4(f) resource, and the Nationwide Section 4(f) Programmatic Agreements do not apply, check the box and contact ADOT NEPA Planner and FHWA for further guidance.

24-3. Mitigation Measures/Measures to Minimize Harm

Text must be coordinated with applicable officials having jurisdiction over the resource prior to submittal to ADOT/FHWA. If the Section 4(f) resource received Section 6(f) funds for development, mitigation measures may be constrained under Section 6(f) requirements.

List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

		Project No. _____ TRACS No. _____ Project Name _____
24-1	<input type="checkbox"/>	The project will construct an independent bikeway or walkway that requires use of a Section 4(f) park or recreation area. The documented approval by _____ is attached. In accordance with the FHWA memorandum (May 23, 1977), "Final Negative Declaration/Section 4(f) Statement for Independent Bikeway or Walkway Construction Projects," no individual Section 4(f) evaluation is required.
24-2	<input type="checkbox"/>	There is an actual or direct use or constructive use of a Section 4(f) resource that does not meet the requirements of a programmatic Section 4(f) evaluation.
<hr/>		
Mitigation Measures/Measures to Minimize Harm		
24-3		

Page 25. Section 6(f) Resources

Determine if the project involves outdoor recreation lands acquired or developed with Section 6(f) funds.²⁴ If there is no Section 6(f) involvement, delete this page from the document. Complete a separate 6(f) page for each Section 6(f) resource in the project area.

25-1. Section 6(f) Resource

Include the name, type, location (MP, intersection, or street address), and ownership/administration for the Section 6(f) resource.

25-2. Section 6(f) Involvement

Determine if the property was acquired and/or developed with Section 6(f) funds, and check the applicable boxes. If the project will impact the Section 6(f) resource but will not result in the conversion of lands acquired/developed with Section 6(f) funding to non-recreational purposes, check the box and include a brief explanation.

25-3. Use of Section 6(f) Resource

If the project will require the conversion of property acquired or developed with Section 6(f) funding to a non-recreational purpose, replacement land must be identified for transfer to the land-managing agency. Contact the ADOT NEPA Planner for additional guidance prior to proceeding. Check the applicable boxes and attach the written concurrence from the land-managing agency and the NPS that the replacement lands are of equal value, location, and usefulness as the impacted lands.

25-4. Mitigation Measures

If the project will require the conversion of property acquired or developed with a Section 6(f) funding to a non-recreational purpose, land transfer mitigation must be included. Text must be coordinated with applicable officials having jurisdiction over the resource (including NPS) prior to submittal to ADOT/FHWA.

List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

²⁴ <http://waso-lwcf.ncrc.nps.gov/public/index.cfm>

Project No. _____
 TRACS No. _____
 Project Name _____

Section 6(f) of the Land and Water Conservation Funds Act Analysis Sheet

25-1

Property name: _____
 Property type: _____
 Location: _____
 Ownership or administration:
☐ No conversion of Section 6(f) property lands.

25-2

☐ Property acquired with Section 6(f) funds.
☐ Property developed with Section 6(f) funds.

25-3

☐ Conversion of Section 6(f) property lands to a non-recreational purpose.
☐ Is the political jurisdiction in question willing to relinquish the property and accept the proposed replacement property?
☐ The political jurisdiction and the NPS have provided written approval of the land transfer.

25-4

Mitigation Measures

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Page 26. Visual Resources

If the project does not result in a more than subtle change in the existing visual character, and the project is not located along a designated Scenic Road/Byway, or on land managed by an entity with visual quality objectives, delete this page from the document.

26-1. Change in Visual Character

If the project results in a greater than minor change in the existing visual character, check the box and include a description of the existing visual setting (this could include foreground and distant views); the visual impacts that will occur as a result of the project; and any mitigation measures.

26-2. Designated Scenic Road/Byway

If the project is located on a designated Scenic Road/Byway, check the applicable box and enter the name of the Road/Byway. If a visual resource assessment technical document was completed, check the applicable box, and include the title and date of the visual document.

26-3. Compliance with Visual Resource Management Objectives

If the project is located on land/easement from a land-managing agency with visual resource management objectives (e.g., BLM; USFS), determine if the project meets the specific objectives. Check the applicable box, and discuss the objectives, and coordination, mitigation, and/or the agencies' concurrence with the determination. National Forest scenic management system objectives usually include views of the road from off the road, and views from on the road looking off the road.

Refer to the visual resource document to determine if the project will impact the overall visual quality rating of the roadway, and if the post-project condition meets the criteria for designation as a scenic road, and check the applicable box.

26-4. Mitigation Measures

For projects located on land/easement from a land-managing agency with visual resource management objectives, mitigation measures must be coordinated with the visual resource specialist of the land-managing agency.

List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Visual Resources Analysis Sheet	
	Project No. _____ TRACS No. _____ Project Name _____
26-1	<input type="checkbox"/> Moderate or substantial change in the existing visual character as a result of the project. Degree of change: _____
26-2	<input type="checkbox"/> Project is along a designated Scenic Road/Byway. Name of Scenic Road/Byway: _____ <input type="checkbox"/> A visual resource quality analysis has been completed. Title and date: _____ <input type="checkbox"/> The project will not impact the overall visual quality rating of the roadway. <input type="checkbox"/> The project will impact the overall visual quality of the roadway, but post project conditions will meet criteria to retain its scenic road designation. Concurrence date: _____
26-3	<input type="checkbox"/> Project is located in an area with specific visual resource management objectives. <input type="checkbox"/> The project meets the land-management agency's specific visual resource management objectives. Concurrence date: _____ <input type="checkbox"/> The project does not meet the land-management agency's specific visual resource management objectives. Coordination and mitigation: _____
<hr/> Mitigation Measures	
26-4	

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Page 27. Socioeconomic Impacts

If the project will not impact residential/commercial development, will not require displacement(s), and will have no temporary and/or permanent impacts to access or neighborhood continuity/Proponent cohesion (including pedestrian and vehicular access, traffic patterns, etc.) provide a brief explanation in the Comment column on the *Environmental Impact Summary Sheet*, and do not include this page in the document. If new right-of-way is required, FHWA must concur early in the planning process that the acquisition is "minor" and that a CE is the appropriate level of NEPA documentation. Contact the ADOT NEPA planner for guidance. **If the acquisition is not considered "minor," the CE is non-programmatic. If there are any commercial or residential displacements, the CE is non-programmatic.**

27-1. Residential/Commercial Development and Displacement(s)

Determine if displacements are required and check the applicable box. If displacements are needed, include the type (e.g., single family home; commercial business); number (in terms of property owners and units as applicable); and location (address). Include other pertinent information as needed. Note: residents, not residences, are relocated.

Consult applicable general plans and other municipal planning documents. Determine if the project will impact planned developments, and check the applicable box. If impacts will occur, include information on the type and location of the developments to be impacted.

27-2. Temporary and Permanent Access

Determine if the project will result in temporary or permanent impacts to access. This may include access changes, sidewalk closures, parking restrictions, temporary driveway closures, etc. The impacts could include non-vehicular access, such as pedestrians, and impacts to special events, such as fairs and parades. If the project will result in access impacts, determine if they are temporary and/or permanent, check the applicable box, and include a discussion regarding the impacts.

27-3. Neighborhood Continuity and Community Cohesion

Determine if the project will have any impact to neighborhood continuity/Proponent cohesion. Impacts may include bisecting neighborhoods, providing visual continuity to a neighborhood through landscaping, and restricting access to local Proponent features/sites. If impacts have been identified, determine if the impacts are temporary and/or permanent and include a brief explanation of the impacts as well as any applicable mitigation. Note: neighborhoods/Proponents are not limited to residential areas and can be commercial Proponents as well.

Socioeconomic Impacts Analysis Sheet	
<div style="text-align: right;"> Project No. _____ TRACS No. _____ Project Name _____ </div>	
27-1	1. Residential/Commercial Development and Displacement(s) Displacements required. <input type="checkbox"/> No <input type="checkbox"/> Yes • Type: • Number: • Location: Known planned development(s) impacted <input type="checkbox"/> No <input type="checkbox"/> Yes • Type: • Location:
27-2	2. Temporary and Permanent Access <input type="checkbox"/> Temporary impacts. <input type="checkbox"/> Permanent impacts.
27-3	3. Neighborhood Continuity and Community Cohesion <input type="checkbox"/> No impacts <input type="checkbox"/> Temporary impacts. <input type="checkbox"/> Permanent impacts.
27-4	Mitigation Measures

Page 25. Socioeconomic Impacts (continued)

27-4. Mitigation Measures

Include all mitigation measures specific to socioeconomic impacts. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet* (refer to 35-1).

Page 28. Title VI/Environmental Justice

Determine if any temporary, adverse, or permanent effects on any businesses, residents, or landowners will occur as a result of this project. If the project will have no effects, delete this page from the document. This could include effects to access, relocations, and neighborhood continuity. If effects **will** occur, determine if there are any protected populations. These populations include:

- Minorities – refer to census tables for correct categories
- Low-income – the USDOT defines low-income as a population whose median household income is at or below the US Department of Health and Human Services poverty guidelines
- Age, gender, and disability

To determine if any of the above populations are present in the project area, it will be necessary to determine the census tract and block groups for the project area. Census tracts and block groups can be found on the US Census website²⁵.

Once census tracts and block groups have been determined, data for the geographic areas will need to be obtained. Summary Tape File 3 data is preferred for the analysis of the project area, and is located on the US Census Bureau website²⁶. Once on the website, obtain detailed tables for the P1, P6, P7, P8, P10, P42, and P87 datasets. Add this data to Tables 1 and 2.

Other websites to investigate for Title VI information include the Arizona Department of Economic Security²⁷, the US Department of Health and Human Services²⁸, and the FHWA – Environmental Justice.²⁹

28-1. Temporary/Permanent Effects

Discuss the project's temporary and permanent impacts on any businesses, residents, or landowners.

28-2. New Right-of-way/Easements

Check the applicable boxes and provide the total acreage of new right-of-way or easements.

28-3. Affected Protected Populations

Check the applicable boxes for any protected populations that will be impacted by the project.

Project No. _____
 TRACS No. _____
 Project Name _____

Title VI/Environmental Justice Analysis Sheet

"Title VI of the Civil Rights Act of 1964" and related statutes assure that individuals are not excluded from participation in, denied the benefit of, or subjected to discrimination under any program or activity receiving federal financial assistance on the basis of race, color, national origin, age, sex, and disability. "Executive Order 12898" on environmental justice, dated February 11, 1994, directs that programs, policies, and activities not have a disproportionately high and adverse human health or environmental effect on minority and low-income populations.

Effects on any businesses, residents, or landowners as a result of this project.

28-1 ☐ Temporary

☐ Permanent

28-2 ☐ New R/W (acres)

☐ New easement (acres)

The following minority and/or low-income populations are affected by the project. (See attached tables.)

28-3 ☐ No minority or low-income population will be affected.

☐ Disabled

☐ Elderly

☐ Low-income population

☐ Female Head of Household

Races and ethnicity:

☐ African American ☐ Hispanic ☐ Native Hawaiian or Pacific Islander

☐ Asian ☐ American Indian and Alaska Native ☐ Some other race

☐ Two or more races

28-4 ☐ Identified effects are proportionate to those experienced by the general population.

28-5 ☐ Identified effects are disproportionately high and adverse on minority and/or low-income populations.

Mitigation Measures

28-6

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²⁵ factfinder.census.gov/jsp/saff/SAFFInfo.jsp?_pagelid=gn7_maps

²⁶ factfinder.census.gov/servlet/DatasetMainPageServlet?_program=DEC&_lang=en&_ts=

²⁷ <http://www.de.state.az.us/ASPNew/default.asp>

²⁸ <http://aspe.hhs.gov/poverty/03poverty.htm>

²⁹ <http://www.fhwa.dot.gov/environment/ej2.htm>

Page 28. Title VI/Environmental Justice (continued)

28-4. Proportionate Effects

Identify whether the impacts of the project will be proportionate to those experienced by the general population³⁰. Include a brief statement explaining why the effects are proportionate.

28-5. Disproportionate Effects

Identify any disproportionate effects (including discriminatory effects). If disproportionate effects will result from the project, refer to the EEG "Guidance on Title VI and Environmental Justice" on the EEG Web site³¹. Contact the ADOT NEPA Planner for guidance. Present a full analysis of the effects and all mitigation measures.

28-6. Mitigation Measures

Include all applicable mitigation measures specific to Title VI/Environmental Justice. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

³⁰ <http://environment.fhwa.dot.gov/guidebook/vol2/doc16a.pdf>

³¹ <http://www.adotenvironmental.com>

Project No. _____
TRACS No. _____
Project Name _____

Table 1. 2000 Racial and ethnic demographics

Area	Total population		White		African American		Native American		Asian		Pacific Islander		Other race		Two or more races		Hispanic ^a	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
CT . BG																		
CT . BG																		
CT . BG																		
CT . BG																		
CT . BG																		
Total Tracts																		
(City)																		
(County)																		

Source: US Department of Commerce, Bureau of the Census. Census 2000, Summary File 3.
Note: See table notes for Table 2, below.

^a "Hispanic" refers to ethnicity and is derived from the total population, not as a separate race i.e., it is calculated differently from the other columns in this table.

29-1

Table 2. 2000 Total Minority, Age 60 Years and Over, Below Poverty Level, Disabled, and Female Head of Household populations

Area	Total population		Total Minority ^a		Age 60 years and over		Total population for whom disabled is determined		Disabled		Total population for whom poverty is determined		Below poverty level		Households		Female Head of Household	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
CT . BG																		
CT . BG																		
CT . BG																		
CT . BG																		
CT . BG																		
(City)																		
(County)																		

Source: US Department of Commerce, Bureau of the Census. Census 2000, Summary File 3.
Note: CT . BG = Block Group. # = Number, % = Percentage.
^a "Total Minority" is composed of all populations that consider themselves Non-White racially plus those who consider themselves White Hispanic.

Shaded areas denote percentages notably higher than comparison areas' percentages.

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29-2

Page 29. Title VI/Environmental Justice

For each of the following tables, include information from each census tract and block group that crosses the project limits. Include information from the City and County that the project area is located in as comparative geographies. Shade any cell for which the percentage of a given category is higher than the comparative geography.

29-1. Table 1: 2000 Racial and ethnic demographics

Enter data obtained from the 2000 Census Summary Tape File 3.

29-2. Table 2: 2000 Total Minority, Age 60 Years and Over, Below Poverty Level, Disabled, and Female Head of Household populations

Enter data obtained from the 2000 Census Summary Tape File 3.

Page 30. Arizona /National Pollutant Discharge Elimination System Permit

Coordinate with the project manager or project engineer to determine if the project will result in 1 or more acre of ground disturbance. If the project does not meet this condition, delete this page from the document.

30-1. Permit

If the project will result in 1 or more acres of ground disturbance determine if a National (tribal land) or Arizona Pollutant Discharge Elimination System Permit is required. Check the applicable boxes and fill in the name of the permit.

Review the ADEQ list of Impaired waters, located on the ADEQ website³². If the project is located within 0.25 mile of impaired water, check the applicable box, list the name of the water and the parameters of concern. Projects within 0.25 mile of an impaired water require either an AZPDES permit with the SWPPP/SWMP approved by ADEQ prior to start of construction (non-tribal lands) or a NPDES permit (tribal land) with coordination with EPA to identify applicable best management practices—SWPPPs for NPDES permits within 0.25 mile of an impaired water are not reviewed by either EPA or ADEQ.

Determine if the project is located within a designated MS4³³ and check the box and include the name of the MS4 as applicable.

30-2. Erosion Control

If the project will result in less than 1 acre of disturbance, and will be administered by the Proponent, check the box and insert the Proponent name.

30-3. Mitigation Measures

List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*. Delete all mitigation that is not applicable.

If an AZPDES/NPDES permit is required, include the following mitigation:

- The (*insert name of Proponent*) will determine who will prepare the Storm Water Pollution Prevention Plan.

Project No. _____
 TRACS No. _____
 Project Name _____

Arizona Pollutant Discharge Elimination System/ National Pollutant Discharge Elimination System Analysis Sheet

30-1

 30-2

 30-3

☐ The project involves the ground-disturbance of 1 or more acres and a general permit will be required.

☐ There is an impaired or unique water within 0.25 mile of the project.

☐ The project is located in _____, a designated MS4.

☐ The project involves less than 1 acre of ground-disturbance and will be administered by _____, who shall determine if design features to reduce erosion and minimize sedimentation during and after construction are required in accordance with 23 CFR 650(b).

Mitigation Measures

Responsibilities

The _____ will determine who will prepare the Stormwater Pollution Prevention Plan.

The _____ will submit the _____ Notice of Intent and the Notice of Termination to the _____.

The project is located within ¼ mile of a designated _____ water, _____. Therefore, _____ and the contractor will submit the Storm Water Pollution Prevention Plan to the Arizona Department of Environmental Quality for approval prior to construction.

This project is located within a designated municipal separate storm sewer system. Therefore _____ and the contractor will submit the Notice of Intent and the Notice of Termination to the _____.

Because this project is federally funded the _____, in accordance with Federal Regulations 23 CFR, Part 650, Subpart B, shall determine if design features to reduce erosion and minimize sedimentation during and after construction are required.

Contractor Responsibilities

The contractor shall submit the _____ Notice of Intent and the Notice of Termination to the _____.

The project is located within ¼ mile of a designated _____ water, _____. Therefore, _____ and the contractor shall submit the Storm Water Pollution Prevention Plan to the Arizona Department of Environmental Quality for approval prior to construction.

This project is located within a designated municipal separate storm sewer system. Therefore _____ and the contractor shall submit the Notice of Intent and the Notice of Termination to the _____.

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³² <http://www.azdeq.gov/environ/water/assessment/assess.html>

³³ <http://www.azdeq.gov/environ/water/permits/stormwater.html#ms4s>

**Page 30. Arizona /National Pollutant Discharge Elimination
System Permit (continued)**

If an AZPDES/NPDES Permit is required determine if the Proponent or the contractor will complete the mitigation, fill in the applicable information, and delete the non-applicable mitigation. Do not use both mitigation measures. If the Proponent will complete the mitigation use the following:

- The (*insert Proponent name*) will submit the (insert Permit type) Notice of Intent and the Notice of Termination to the (insert Arizona Department of Environmental Quality [for AZPDES] or Environmental Protection Agency [for NPDES]).

If the contractor will complete the mitigation include the following:

- The contractor shall submit the (insert permit type) Notice of Intent and the Notice of Termination to the (insert Arizona Department of Environmental Quality [for AZPDES] or Environmental Protection Agency [for NPDES]).

If a AZPDES/NPDES Permit is required and the project is within 0.25 mile of an impaired water, add the following mitigation twice: under both the Proponent responsibilities and the contractor's responsibilities.

- This project is located within ¼ mile of a designated (*unique or impaired*) water, (*name of the water*). Therefore (*insert name of Proponent*) and the contractor will submit the Storm Water Pollution Prevention Plan to the Arizona Department of Environmental Quality for approval prior to construction.

If an AZPDES/NPDES Permit is required and the project is within a designated MS4 then add the following mitigation twice: under both the Proponent responsibilities and the contractor's responsibilities.

- This project is located within a designated municipal separate storm sewer system. Therefore (*insert name of Proponent*) and the contractor will submit the Notice of Intent and the Notice of Termination to the (insert name of MS4).

If no permit is required and the project will be administered by the Proponent, include only the following mitigation (as a Proponent responsibility):

- Because the project is federally funded, the (*insert name of Proponent*), in accordance with Federal Regulations 23CFR, Part 650, Subpart B, shall determine if design features to reduce erosion and minimize sedimentation during and after construction are required.

Page 31. Construction-Related Impacts

Determine if the project will result in any construction-related impacts such as lane closures, detours, or dust abatement requirements. If the project will not have construction-related impacts, do not include this page in the document and briefly explain why there are no impacts in the Comment field on the *Environmental Impact Summary* sheet. Refer to the *Arizona Programmatic Categorical Exclusion Approval* for programmatic requirements for temporary roads, detours, or ramp closures³⁴.

31-1. Special Traffic Control Measures

Briefly describe construction-related traffic impacts, and special traffic control measures required for construction. Unless the Proponent has received Certification Acceptance or will bid and administer the project construction, the applicable ADOT construction district must be provided any traffic control or other construction-related mitigation for review.

31-2. Detours

If a detour is necessary, it must be included in the footprint of environmental surveys and environmental analyses, and be included in socioeconomic impact analyses as well. Explain the location of detours, adding maps as needed to illustrate the location. If a detour map is included, list it on Page 1. If detours will be required within an air quality non-attainment or maintenance area, coordinate with the ADOT NEPA Planner.

31-3. Other

If needed, check the box and briefly describe other construction-related impacts and identify applicable mitigation.

31-4. Traffic Control Requirements

Determine if the project will be administered by ADOT or the Proponent. If ADOT is administering, check the first box ("the ADOT Traffic Design..."); if the Proponent is administering, check the second box and insert the Proponent name.

31-5. Mitigation Measures

Include all applicable mitigation measures specific to construction-related impacts. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*. Unless the Proponent has received Certification Acceptance or will bid and administer the project construction, the applicable ADOT Construction District must be provided any traffic control or other construction-related mitigation for review.

³⁴ Available at
http://www.azdot.gov/EEG_common/documents/files/planning/ProgrammaticCE.PDF

Construction-Related Impacts Analysis Sheet	
31-1	<input type="checkbox"/> Special traffic control measures required.
31-2	<input type="checkbox"/> Detours necessary.
31-3	<input type="checkbox"/> Other.
31-4	<p>Traffic control will be in accordance with the most current <i>Manual on Uniform Traffic Control Devices for Streets and Highways</i>, published by the US Department of Transportation, Federal Highway Administration, including any revisions or additions, and/or associated provisions in the project plans, as determined by:</p> <p><input type="checkbox"/> the ADOT Traffic Design Section during design</p> <p><input type="checkbox"/> during the certification acceptance or self-bid and administer process.</p>
Mitigation Measures	
31-5	

Page 32. Utilities

Refer to the project Design Concept Report or Project Assessment to determine if utilities are located within the project area or will be affected by the project. Contact the project designer/manager to verify utility involvement.

32-1. Utilities

After the colon, insert the name and a short description of all utilities present within the project area (e.g., UniSource Energy Services natural gas pipeline; Qwest telephone line).

32-2. No Utility Work

Check the box if utilities are present but are not anticipated to be affected by the project and insert the name of Proponent in the sentence.

32-3. Utility Involvement

Check the box if the project will require utility involvement. Check the applicable box of the type of work involved. If other, provide a brief statement of the type of work. Check the applicable box for who will be performing the utility work. If other, provide a brief description of the entity performing utility work. If customers will be affected by the utility work, provide the number of days in advance customers will be notified and who will provide notification.

For each of the categories, include the name of the applicable utility for each respective type of work, performer, notification responsibility in bullet or numbered format below the checked box. For example:

- ☒ Type of work involved:
☒ Relocation
 1. SRP
 2. Qwest
- ☒ The work will be performed by:
☒ ADOT ☒ Contractor ☐ Utility Company
 1. SRP 2. Qwest

32-4. Mitigation Measures

Include all applicable mitigation measures specific to utilities. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

Project No. _____
 TRACS No. _____
 Project Name _____

Utilities Analysis Sheet

30-1

Utilities present:

30-2

☐ Utilities work is not anticipated; however will investigate utility involvement during project design.
☐ Utilities are involved with the project.

30-3

☐ Type of work involved:

☐ Relocation
•
•

☐ Temporary disconnection of service
•
•

☐ Other
•
•

☐ The work will be performed by:

☐ ADOT
•
•

☐ Contractor
•
•

☐ Utility company
•
•

☐ Other
•
•

☐ The utility customers affected by utility work will be notified days prior to the start of construction by:

☐ ADOT
•
•

☐ Contractor
•
•

☐ Utility company
•
•

☐ To be determined
•
•

30-4

Mitigation Measures

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Page 33. Hazardous Materials Evaluation

If an ADOT-approved hazardous materials records check and/or PISA was completed for the project that indicated that there were no hazardous materials concerns present in the project area, delete this page from the document. Per the May 2003 EPA/ADOT Asbestos Consent Decree, an asbestos assessment will be required for any load-bearing structures (e.g., bridges; buildings) that will be modified or altered as a result of the project. If the project involves any work on an existing structure that has been previously painted, a test for RCRA metals will be required. For each of the fields, summarize the recommendation of the investigations. **If there are any known hazardous materials sites or previous land uses with potential for hazardous materials remaining within the right-of-way, the CE is non-programmatic.**

33-1. Asbestos Survey/NESHAP Permit

Check the box if load-bearing structures will be modified or altered by the project. Provide the date and findings of the asbestos survey. Determine if a NESHAP permit is required;³⁵ if the permit is required, check the applicable box and state applicable mitigation measures as applicable.

33-2. RCRA Metals

Check the box if work will occur on existing structures that have been previously painted. Provide the date and findings (including any applicable mitigation measures) of the RCRA metals (e.g., lead) survey.

33-3. ADEQ/EPA Records Check

Check the box if a records check of ADEQ and EPA databases was conducted. Provide the date and findings (including any applicable mitigation measures) of the records check. In the findings field, indicate the recommendation of the records check, do not list all items identified during the hazardous materials research.

33-4. Tribal Records Check

Check the box if tribes were contacted regarding their hazardous materials records. Provide the date and findings (including any applicable mitigation measures) of tribal hazardous materials records, including the names of the Tribes contacted in the "findings" field.

33-5. PISA

Check the box if a PISA was conducted for the project. Provide the concurrence date and the findings of the PISA (including any applicable mitigation measures).

Hazardous Materials Evaluation Analysis Sheet	
31-1	<input type="checkbox"/> Load-bearing structures will be modified or altered on the project. Date asbestos survey completed: _____ Findings: _____ <input type="checkbox"/> NESHAP permit required.
31-2	<input type="checkbox"/> Work will occur on existing structures that have been previously painted. Date test for RCRA metals completed: _____ Findings: _____
31-3	<input type="checkbox"/> Records check of ADEQ and EPA databases was conducted. Date completed: _____ Findings: _____
31-4	<input type="checkbox"/> Tribe(s) were contacted regarding it (their) records. Date completed: _____ Findings: _____
31-5	<input type="checkbox"/> PISA was conducted. Date completed: _____ Findings: _____
31-6	<input type="checkbox"/> Phase I study was conducted. Date completed: _____ Findings: _____
31-7	Findings of hazardous materials assessment: _____
<hr/> Mitigation Measures <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <input type="checkbox"/> Responsibilities If suspected hazardous materials are encountered during construction, work shall cease at that location and the Engineer will be contacted to arrange for proper assessment, treatment, or disposal of those materials. </div> <div style="width: 50%;"></div> </div>	

³⁵ <http://www.azdeq.gov/environ/air/asbestos/>

Page 33. Hazardous Materials Evaluation (continued)

33-6. Phase I

Check the box if a Phase I hazardous materials study was conducted. Provide the date of concurrence and the findings of the Phase I study.

33-7. Findings

Summarize the results of the hazardous materials investigations which occurred as part of the project.

33-8. Mitigation

Insert the name of the local government in the mitigation measures, and include any project-specific mitigation measures as needed. The mitigation measures shown in 31-8. *Mitigation* must always be included in the clearance memo and the Mitigation Measures page—even if the Hazardous Materials Evaluation Analysis Sheet is not included in the document. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). All mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

	Project No. _____ TRACS No. _____ Project Name _____
Noise Analysis Sheet	
<div style="border-left: 1px solid black; padding-left: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center; margin-bottom: 10px;"> 32-1 </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-bottom: 10px;"> 32-2 </div> <div style="display: flex; justify-content: space-between; align-items: center;"> 32-3 </div> </div>	<div style="margin-bottom: 10px;"> <input type="checkbox"/> Noise Activity Categories </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> A. Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose. <input type="checkbox"/> Receivers present: </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> B. Recreation areas, playgrounds, picnic areas, active sports areas, parks, residences, motels, hotels, schools, places of worship, cemeteries, libraries, and hospitals. <input type="checkbox"/> Receivers present: </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> C. Developed lands, properties, or activities not included in A or B. <input type="checkbox"/> Receivers present: </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> The project involves additional through lanes. </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> The project involves changes to the vertical or horizontal alignment. </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> The project involves new alignment. </div> <div style="margin-bottom: 10px;"> <input type="checkbox"/> Quantitative analysis results. <input type="checkbox"/> Noise report completed on _____ Findings and mitigation. </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 60%; border-left: 1px solid black; padding-left: 10px;"> <div style="display: flex; justify-content: space-between; align-items: center; margin-bottom: 10px;"> 32-4 </div> </div> <div style="width: 40%; padding-left: 10px;"> Mitigation Measures </div> </div>	

Refer to FHWA's Noise Abatement Criteria³⁶ and the ADOT NAP³⁷; if sensitive receivers are located within approximately 1,000 feet of the project area, but no substantial changes in the horizontal or vertical alignment of the roadway will occur, indicate that a qualitative analysis was completed on the *Environmental Impact Summary Sheet* and delete this page from the document.

34-1. Noise Activity Categories

Identify the Noise Activity Categories of receivers present within the project vicinity, and check each box that applies. For each box checked, determine if sensitive receivers are present, check the applicable box, and include the type of receiver present (e.g., "residence") to the right of the colon.

34-2. Adding Capacity/Alignment Changes

Check the applicable box if the project will result in additional through lanes, changes to the vertical/horizontal alignment, and /or a roadway on a new alignment. If the project involves any of these actions, a quantitative noise analysis will be required. Contact the ADOT EEG air/noise team for further direction.

34-3. Quantitative Analysis

Check the box if a quantitative noise analysis was required for the project; ADOT EEG must approve the noise report. Provide the date of the noise report, and summarize the findings. Include any mitigation measures developed in the results.

A final review of the noise analysis will be required when the environmental document is being finalized. Any late design changes/modifications that develop during or upon completion of the environmental process must be reflected in the final noise analysis.

34-4. Mitigation Measures

Include all applicable mitigation measures specific to noise. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet*.

³⁶ <http://www.fhwa.dot.gov/environment/polquid.pdf>

37 http://www.azdot.gov/EEG_common/documents/files/air_and_noise/final_noise_abatement_policy_revised_december_2005.pdf

Page 35. Air Quality

Refer to the non-attainment/maintenance area maps on the ADOT EEG Web site³⁸ to determine air quality status. If the project is in an area that complies with all National Ambient Air Quality Standards, delete this page from the document.

35-1. Project Located in Non-attainment/Maintenance Area

Check the box if the project is located in a non-attainment or maintenance area other than Tucson Region Carbon Monoxide Limited Maintenance Area Plan. Provide the name of the non-attainment or maintenance area and the pollutant(s) of concern in the project area. Refer to the ADOT EEG website³⁹ to obtain a list of project types exempt from conformity requirements, determine if the project is exempt from conformity, and check the applicable box.

If the project is not exempt from conformity, but the nature of the work the project requires will not interfere with transportation control measure implementation (e.g., bridge replacement; additional turn-lanes), check the applicable box.

If the project is not exempt from conformity, and the nature of the work the project requires may interfere with transportation control measure implementation, a microscale analysis is required to document the air quality impacts of the project. The level of effort will vary from a simplified description to a detailed modeling analysis, depending on the project scope and pollutant concentration levels. Contact the ADOT EEG air/noise team for guidance. Provide the date and findings of the microscale analysis and any mitigation measures required for the project.

35-2. Tucson Region Carbon Monoxide Limited Maintenance Area Plan

Determine if the project is located in the Tucson Region Carbon Monoxide Limited Maintenance Area Plan and check the box if applicable. Determine if the project is exempt from conformity, and check the applicable box.

If the project is not exempt from conformity, a microscale analysis is required to document the air quality impacts of the project. The level of effort will vary from a simplified description to a detailed modeling analysis, depending on the project scope and pollutant concentration levels. Contact the ADOT EEG air/noise team for guidance. Provide the date and findings of the microscale analysis and any mitigation measures required for the project.

Project No. _____
 TRACS No. _____
 Project Name _____

Air Quality Analysis Sheet

35-1

☐ The project is located in a non-attainment or maintenance area.
 Name of area(s): _____
 Pollutant(s): _____
☐ Exempt from conformity.
 The project will not interfere with transportation control measure implementation requirements as directed by state and metropolitan planning organizations.
☐ While the project is not on the conformity list, the nature of the work this project requires will not interfere with transportation control measure implementation.
☐ Not exempt from conformity.
 ☐ Microscale analysis completed on _____

35-2

☐ The project is located in the Tucson Region Carbon Monoxide Limited Maintenance Area Plan.
☐ The project will have no negative effect on air quality and, pursuant to 40 CFR 93.116, this project is in conformity.
☐ Not exempt from conformity.
 ☐ Microscale analysis completed on _____

35-3

Mitigation Measures

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³⁸ http://www.azdot.gov/Highways/EEG/documents/air_quality_guidance.asp

Page 35. Air Quality (continued)

35-3. Mitigation Measures

Include all applicable mitigation measures specific to air quality, including mitigation necessary for avoidance. List mitigation in bullet form, separated by responsibility (i.e., Town of Gila Bend Responsibilities and/or Contractor Responsibilities). The mitigation should also be placed in the clearance memorandum and on the *Mitigation Measures Sheet* (refer to 35-1).

Page 36. Mitigation Measures

Mitigation is provided on each of the resource sheets and collectively on this page and in the clearance memo. Development of mitigation measures is to be accomplished in coordination with the Proponent, and as applicable the ADOT project manager, prior to submittal of the draft environmental document. This page is always included in the environmental document.

Use the word "attached" for any enclosures that will be included in the special provisions for the project (e.g., the attached NWP No. 14). Use the word "will" when referring to the Proponent's and ADOT's responsibilities and the word "shall" when the contractor is to perform a function. List the mitigation measures in bullet format. Do not use acronyms or abbreviations as mitigation; ensure that mitigation measures are specific and provide clear direction to construction personnel as to the steps to be taken to implement the measure(s).

Separate the mitigation measures as follows:

(Insert name of Proponent) Responsibilities

Contractor Responsibilities

Any other applicable categories

36-1. Standard Mitigation

Insert the name of the Proponent. The mitigation measures presented on this page shall be included for all projects in the clearance memo and the project specifications. Add project-specific mitigation under the applicable category, as identified in the Mitigation Measures Section on each *Analysis Sheet*.

36-1

Mitigation Measures Sheet

Project No. _____
TRACS No. _____
Project Name _____

Responsibilities

- All disturbed soils that will not be landscaped or otherwise permanently stabilized by construction will be seeded using species native to the project vicinity.
- If suspected hazardous materials are encountered during construction, work shall cease at that location and the Engineer will be contacted to arrange for proper assessment, treatment, or disposal of those materials
- If previously unidentified cultural resources are encountered during activity related to the construction of the project, the contractor shall stop work immediately at that location and shall take all reasonable steps to secure the preservation of those resources. The Engineer will immediately make arrangements for the proper treatment of those resources.

Contractor Responsibilities

- To prevent the introduction of invasive species, all earth-moving and hauling equipment will be washed at the contractor's storage facility prior to entering the construction site.
- To prevent the spread of invasive species to uncontaminated areas, all earth-moving and hauling equipment will be washed at a designated location prior to leaving the construction site.
- All disturbed soils that will not be landscaped or otherwise permanently stabilized by construction will be seeded using species native to the project vicinity.
- If suspected hazardous materials are encountered during construction, work shall cease at that location and the Engineer will be contacted to arrange for proper assessment, treatment, or disposal of those materials
- If previously unidentified cultural resources are encountered during activity related to the construction of the project, the contractor shall stop work immediately at that location and shall take all reasonable steps to secure the preservation of those resources. The Engineer will immediately make arrangements for the proper treatment of those resources.